

Converting Colors

XYZ(76.6746, 82.7916, 91.6319)

Have a look what the booklet for
XYZ(76.6746, 82.7916, 91.6319)
contains.

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Color

**XYZ(76.4758, 82.6321,
91.2758)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | E1EDEC |
| RGB | 225, 237, 236 |
| RGB Percent | 88%, 93%, 93% |
| CMY | 0.1176, 0.0706, 0.0745 |
| CMYK | 0.05, 0.00, 0.00, 0.07 |
| HSL | 175°, 25%, 91% |
| HSV | 175°, 5%, 93% |
| XYZ | 76.4758, 82.6321, 91.2758 |
| YIQ | 233.2980, -6.8310, -2.8550 |

Conversions

Conversions Part 2

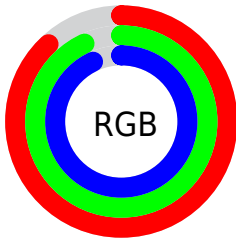
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 225, 231, 237 |
| Decimal | 14806508 |
| CIE Lab | 92.85, -4.15, -0.90 |
| CIE LCh | 93, 4.243, 192.275 |
| Yxy | 82.6321, 0.3054, 0.3300 |
| Android (android.graphics.Color) | 4292996588 (0xFFE1EDEC) |
| YUV | 233.2980, 1.3321, -7.2773 |
| Hunter-Lab | 90.9022, -8.9072, 4.0979 |

Details

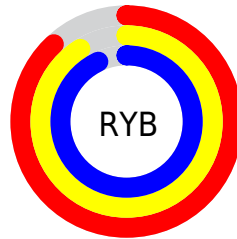
The XYZ color **76.4758, 82.6321, 91.2758** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.5807, 77.3480, 82.9014**, and the grayscale version is **77.6725, 81.7175, 88.9904**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.3397, 44.8891, 49.6656** is the 20% darker color. If you saturate the color by 10%, you get **69.3083, 78.9725, 89.4470**, and if you desaturate by 10%, it is **84.6768, 86.8287, 93.1730**.

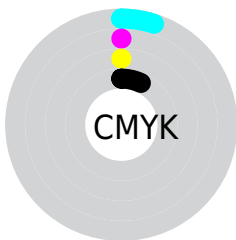
Distribution



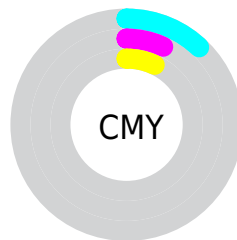
- Red (88%)
- Green (93%)
- Blue (93%)



- Red (88%)
- Yellow (91%)
- Blue (93%)



- Cyan (5%)
- Magenta (0%)
- Yellow (0%)
- Black (7%)



- Cyan (12%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.4758, 82.6321, 91.2758 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 76.4758, 82.6321, 91.2758 by changing the saturation by 10% instead.

■ 76.4758, 82.6321,
91.2758

■ 76.4758, 82.6321,
91.2758

471.8943,
503.7596, 552.8491

■ 57.1212, 61.8867,
68.4596

127.3760,
137.0601, 151.0602

■ 41.3430, 44.9412,
49.8027

159.6523,
171.5114, 188.8656

■ 28.7761, 31.4111,
34.8866

196.9666,
211.3002, 232.5044

■ 19.0549, 20.9121,
23.2927

239.6841,
256.8108, 282.3951

■ 11.8142, 13.0597,
14.6024

288.1703,
308.4277, 338.9565

■ 6.6886, 7.4697,
8.3973

342.7905,

■ 3.3127, 3.7575,

366.5352, 402.6069

4.2588

403.9100,
431.5177, 473.7649

■ 1.3212, 1.5389,
1.7684

■ 0.1990, 0.3159,
0.4070

■ 76.4758, 82.6321,
91.2758

■ 76.4758, 82.6321,
91.2758

■ 69.3083, 78.9725,
89.4470

■ 84.6768, 86.8287,
93.1730

■ 63.1252, 75.8177,
87.6792


■ 87.2489, 88.1208,
94.8219


■ 57.8839, 73.1481,
85.9721


■ 87.5450, 88.2393,
96.3810

■ 53.5361, 70.9387,
84.3233


■ 87.8443, 88.3590,
97.9571


 50.0292, 69.1624,
82.7304


 88.1468, 88.4800,
99.5503


 47.3047, 67.7892,
81.1904


 88.4526, 88.6023,
101.1605


 45.2972, 66.7852,
79.7004

 88.7616, 88.7259,
102.7879

 43.9301, 66.1109,
78.2567

 89.0739, 88.8509,
104.4325

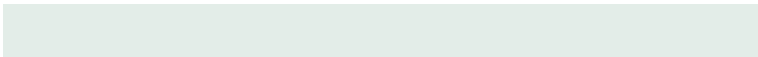
 43.1095, 65.7181,
76.8548

 89.3895, 88.9771,
106.0944

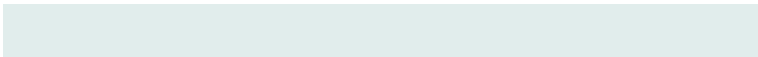
Harmonies

Analogous

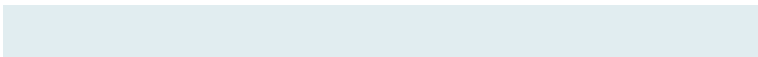
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.5273, 82.6321, 88.1273



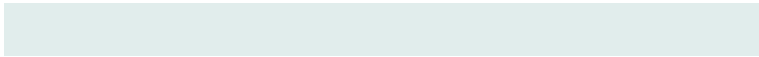
76.4758, 82.6321, 91.2758



76.9734, 82.6321, 94.1397

Triad

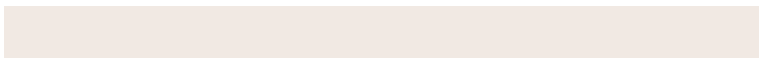
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.4758, 82.6321, 91.2758



79.9813, 82.6321, 94.5632



79.1898, 82.6321, 84.2844

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



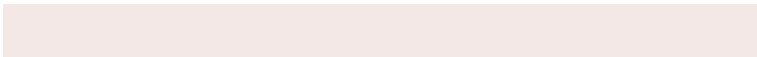
76.4758, 82.6321, 91.2758



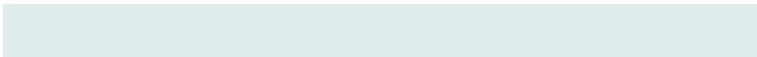
75.5807, 77.3480, 82.9014

Split Complementary

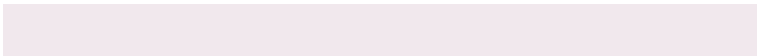
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.1264, 82.6321, 85.9298



76.4758, 82.6321, 91.2758



80.5863, 82.6321, 91.8428

Square

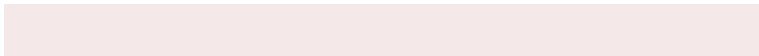
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



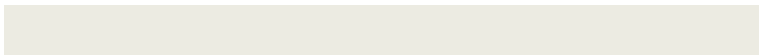
76.4758, 82.6321, 91.2758



78.9932, 82.6321, 96.0673



80.6397, 82.6321, 88.6813



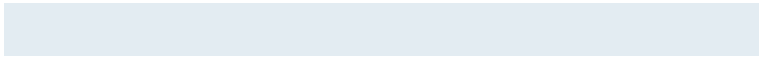
78.0872, 82.6321, 84.1407

Rectangle

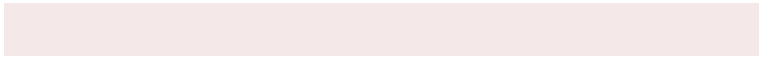
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.4758, 82.6321, 91.2758



77.5523, 82.6321, 95.4824



80.6397, 82.6321, 88.6813



79.5347, 82.6321, 84.6784

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



76.4782, 82.6356, 91.2776



93.1299, 99.0181, 108.4521



75.3040, 82.2093, 83.1342



19.9537, 21.2042, 23.2179



0.0000, 0.0000, 0.0000



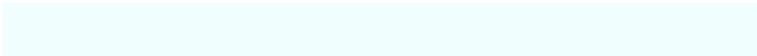
20.3446, 21.4041, 23.3091

Same Dimension

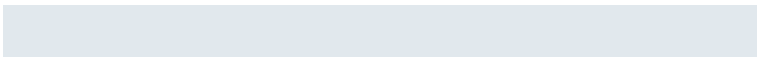
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.4782, 82.6356, 91.2776



89.4381, 97.1307, 107.5656



75.2527, 79.9506, 91.5908



15.9021, 17.3247, 19.2165



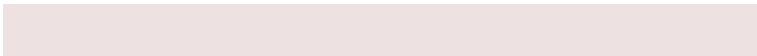
23.4087, 35.8179, 41.7126



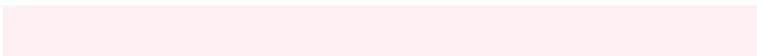
1.8542, 2.8190, 3.3601

Inverse Universe

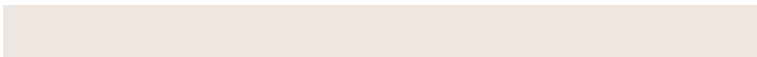
The Inverse Universe completely reimagines the original color for something new.



75.5807, 77.3480, 82.9014



88.1860, 89.7533, 95.8793



76.7598, 79.9259, 82.6167



15.6569, 15.8799, 16.9278



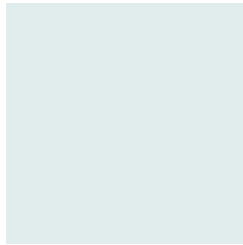
19.1550, 9.8647, 1.3517



1.5218, 0.7817, 0.1993

Previews

White Background



This preview shows how the XYZ color 76.4758, 82.6321, 91.2758 looks on a white background.

Color Contrast Check

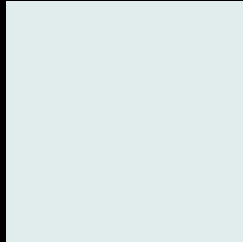
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 76.4758, 82.6321, 91.2758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

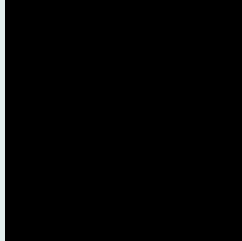
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

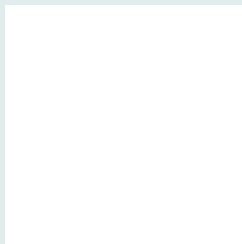
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.4758, 82.6321, 91.2758

Background



This preview shows how black text looks on a background with the XYZ color 76.4758, 82.6321, 91.2758.



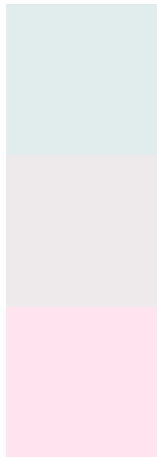
This preview shows how white text looks on a background with the XYZ color 76.4758, 82.6321,

91.2758.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



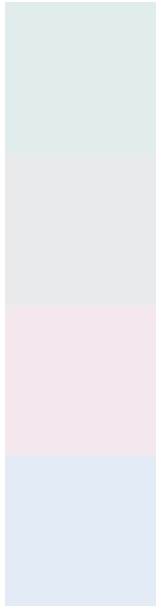
| |
|---------------------------|
| Original Color |
| 76.4758, 82.6321, 91.2758 |
| Protanopia |
| 79.2501, 82.3955, 89.5689 |
| Deuteranopia |
| 84.1417, 82.3712, 92.3534 |



Tritanopia

79.1473, 82.4315, 104.6679

Trichromacy



Original Color

76.4758, 82.6321, 91.2758

Protanomaly

78.0225, 82.1674, 90.3449

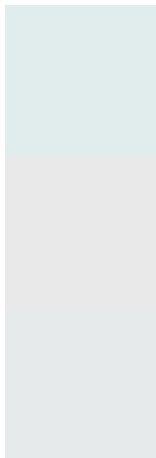
Deuteranomaly

81.1702, 82.4993, 91.7666

Tritanomaly

78.1754, 82.4630, 99.7923

Monochromacy



Original Color

76.4758, 82.6321, 91.2758

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

76.9072, 81.6091, 89.5406

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.4758, 82.6321, 91.2758 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(225, 237, 236) looks like.

```
.text, #text, p{  
    color:rgb(225, 237, 236)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(225, 237, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 237, 236) }
```

Border

The CSS property to change the border of an element to XYZ 76.4758, 82.6321, 91.2758 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(225, 237, 236) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(225, 237, 236) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(225, 237, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 237, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 237, 236);  
box-shadow:4px 4px 4px 4px rgb(225, 237,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 76.4758, 82.6321, 91.2758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 237, 236) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(225,  
237, 236) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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