

Converting Colors

XYZ(76.3165, 82.5698, 92.1745)

Have a look what the booklet for
XYZ(76.3165, 82.5698, 92.1745)
contains.

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Color

**XYZ(76.3107, 82.5301,
92.0287)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | E0EDED |
| RGB | 224, 237, 237 |
| RGB Percent | 88%, 93%, 93% |
| CMY | 0.1216, 0.0706, 0.0706 |
| CMYK | 0.05, 0.00, 0.00, 0.07 |
| HSL | 180°, 27%, 90% |
| HSV | 180°, 5%, 93% |
| XYZ | 76.3107, 82.5301, 92.0287 |
| YIQ | 233.1130, -7.7480, -2.7560 |

Conversions

Conversions Part 2

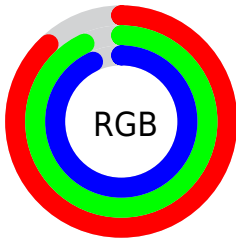
| Format | Color |
|-------------------------------------|--|
| RYB | 224, 231, 237 |
| Decimal | 14740973 |
| CIELab | 92.81, -4.29, -1.50 |
| CIELCh | 93, 4.541, 199.239 |
| Yxy | 82.5301, 0.3042, 0.3290 |
| Android (android.graphics.Color) | 4292931053 (0xFFE0EDED) |
| YUV | 233.1130, 1.9163, -7.9921 |
| Hunter-Lab | 90.8461, -9.0406, 3.5304 |

Details

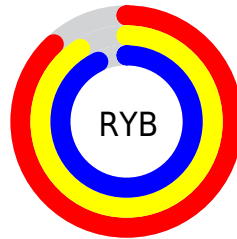
The XYZ color **76.3107, 82.5301, 92.0287** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **75.0382, 76.6998, 81.3744**, and the grayscale version is **77.5294, 81.5669, 88.8264**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.2265, 44.8190, 50.1941** is the 20% darker color. If you saturate the color by 10%, you get **69.4710, 79.0065, 91.7051**, and if you desaturate by 10%, it is **84.1790, 86.5885, 92.4038**.

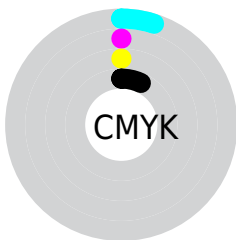
Distribution



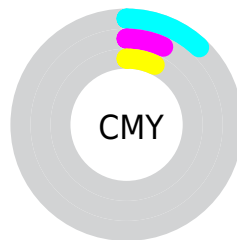
- Red (88%)
- Green (93%)
- Blue (93%)



- 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 76.3107, 82.5301, 92.0287 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 76.3107, 82.5301, 92.0287 by changing the saturation by 10% instead.

■ 76.3107, 82.5301,
92.0287

■ 76.3107, 82.5301,
92.0287

471.3387,
503.4191, 555.3477

■ 56.9853, 61.8026,
69.0813

127.1440,
136.9171, 152.1132

■ 41.2335, 44.8732,
50.3058

159.3826,
171.3454, 190.0874

■ 28.6901, 31.3576,
35.2835

196.6563,
211.1095, 233.9076

■ 18.9896, 20.8713,
23.5961

239.3305,
256.5936, 283.9924

■ 11.7667, 13.0299,
14.8248

287.7704,
308.1822, 340.7602

■ 6.6561, 7.4492,
8.5513

342.3415,

■ 3.2924, 3.7446,

366.2598, 404.6297

4.3569

403.4092,
431.2106, 476.0194

■ 1.3102, 1.5317,
1.8231

■ 0.1908, 0.3109,
0.4431

■ 76.3107, 82.5301,
92.0287

■ 76.3107, 82.5301,
92.0287

■ 69.4710, 79.0065,
91.7051

■ 84.1790, 86.5885,
92.4038

■ 63.6107, 75.9855,
91.4257

■ 86.8141, 87.9468,
92.5323

■ 58.6871, 73.4474,
91.1901

■ 86.8150, 87.9472,
92.5375

■ 54.6517, 71.3672,
90.9961

■ 86.8160, 87.9476,
92.5427

51.4516, 69.7176,
90.8411

86.8170, 87.9480,
92.5480

49.0283, 68.4685,
90.7226

86.8180, 87.9484,
92.5532

47.3157, 67.5857,
90.6372

86.8190, 87.9488,
92.5584

46.2370, 67.0297,
90.5816

86.8200, 87.9492,
92.5636

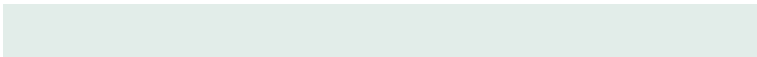
45.6972, 66.7516,
90.5512

86.8210, 87.9496,
92.5689

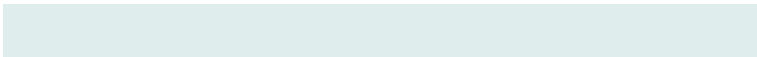
Harmonies

Analogous

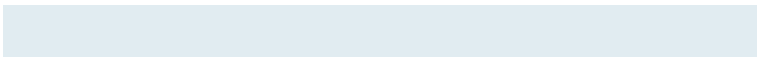
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.2251, 82.5301, 88.6484



76.3107, 82.5301, 92.0287



76.9641, 82.5301, 94.8952

Triad

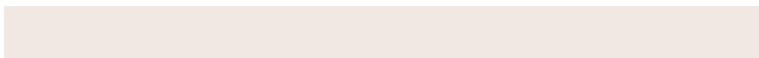
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.3107, 82.5301, 92.0287



80.1809, 82.5301, 94.1895



78.8686, 82.5301, 83.6017

Complementary

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



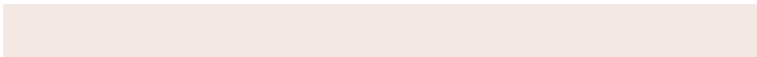
76.3107, 82.5301, 92.0287



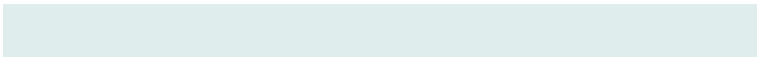
75.0382, 76.6998, 81.3744

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.



79.9395, 82.5301, 85.0086



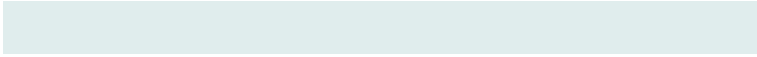
76.3107, 82.5301, 92.0287



80.7022, 82.5301, 91.0852

Square

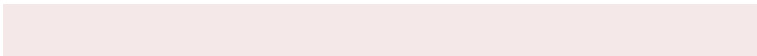
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.3107, 82.5301, 92.0287



79.1956, 82.5301, 96.1643



80.6134, 82.5301, 87.7281



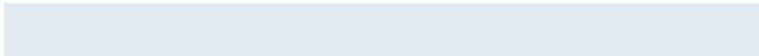
77.6940, 82.5301, 83.8398

Rectangle

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



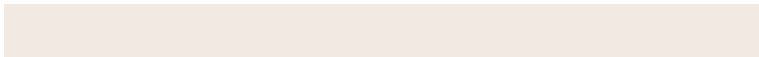
76.3107, 82.5301, 92.0287



77.6375, 82.5301, 96.1023



80.6134, 82.5301, 87.7281



79.2528, 82.5301, 83.8965

Sweetspot

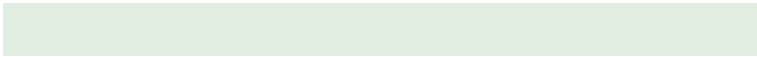
The Sweet Spot groups the original color and five complimentary colors.



76.3131, 82.5336, 92.0305



93.1983, 99.0454, 108.8121



74.5487, 81.8356, 82.3889



19.9677, 21.2098, 23.2912



0.0000, 0.0000, 0.0000



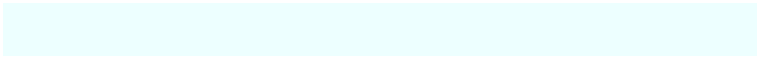
20.3446, 21.4041, 23.3091

Same Dimension

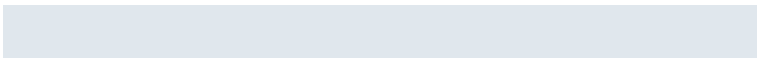
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.3131, 82.5336, 92.0305



88.7843, 96.7700, 108.6025



74.5255, 78.9577, 91.4374



15.7988, 17.2668, 19.4216



24.8743, 36.4042, 49.4308



1.9533, 2.8586, 3.8818

Inverse Universe

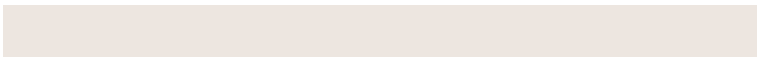
The Inverse Universe completely reimagines the original color for something new.



75.0382, 76.6998, 81.3744



86.8764, 88.0388, 92.6539



76.7583, 80.1408, 81.9453



15.4326, 15.5911, 16.3607



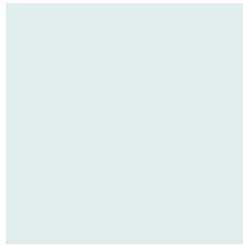
19.0681, 9.8299, 0.8939



1.4974, 0.7719, 0.0705

Previews

White Background



This preview shows how the XYZ color 76.3107, 82.5301, 92.0287 looks on a white background.

Color Contrast Check

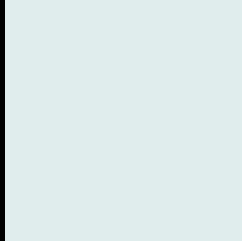
Large Text (above 18pt) WCAG AA × Fail

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 76.3107, 82.5301, 92.0287 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

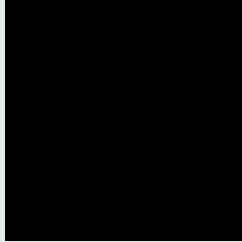
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

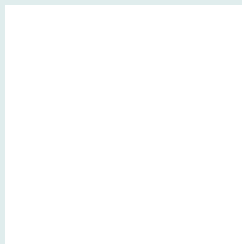
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.3107, 82.5301, 92.0287

Background



This preview shows how black text looks on a background with the XYZ color 76.3107, 82.5301, 92.0287.



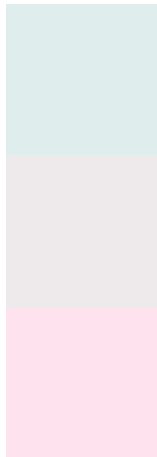
This preview shows how white text looks on a background with the XYZ color 76.3107, 82.5301,

92.0287.

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

76.3107, 82.5301, 92.0287

Protanopia

79.3942, 82.4531, 90.3278

Deuteranopia

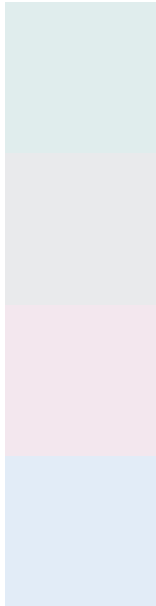
83.9221, 82.2410, 93.1123



Tritanopia

79.1165, 82.8394, 104.7482

Trichromacy



Original Color

76.3107, 82.5301, 92.0287

Protanomaly

78.1674, 82.2254, 91.1081

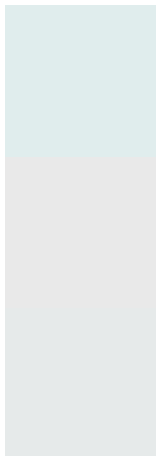
Deuteranomaly

80.9707, 82.3796, 92.5222

Tritanomaly

78.1480, 82.8751, 99.8733

Monochromacy



Original Color

76.3107, 82.5301, 92.0287

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 76.3107, 82.5301, 92.0287 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(224, 237, 237) looks like.

```
.text, #text, p{  
    color:rgb(224, 237, 237)  
}
```

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(224, 237, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 237, 237) }
```

Border

The CSS property to change the border of an element to XYZ 76.3107, 82.5301, 92.0287 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(224, 237, 237) }
```


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

```
.border{ border-color:rgb(224, 237, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 237, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 237, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 237, 237);  
box-shadow:4px 4px 4px 4px rgb(224, 237,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 76.3107, 82.5301, 92.0287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 237, 237) }
```

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

```
.background{ background-color: rgb(224,  
237, 237) }
```

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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