

Converting Colors

XYZ(77.1066, 82.4948, 92.7481)

Have a look what the booklet for
XYZ(77.1066, 82.4948, 92.7481)
contains.

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Color

**XYZ(77.1066, 82.4948,
92.7481)**

Conversions

Conversions Part 1

Format	Color
Hex	E3ECEE
RGB	227, 236, 238
RGB Percent	89%, 93%, 93%
CMY	0.1098, 0.0745, 0.0667
CMYK	0.05, 0.01, 0.00, 0.07
HSL	191°, 24%, 91%
HSV	191°, 5%, 93%
XYZ	77.1066, 82.4948, 92.7481
YIQ	233.5370, -6.0060, -1.2860

Conversions

Conversions Part 2

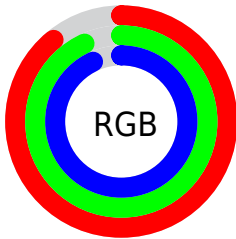
Format	Color
R _{YB}	227, 232, 238
Decimal	14937326
CIE Lab	92.79, -2.61, -2.01
CIE LCh	93, 3.297, 217.657
Yxy	82.4948, 0.3056, 0.3269
Android (android.graphics.Color)	4293127406 (0xFFE3ECEE)
YUV	233.5370, 2.2003, -5.7329
Hunter-Lab	90.8266, -7.4104, 3.0344

Details

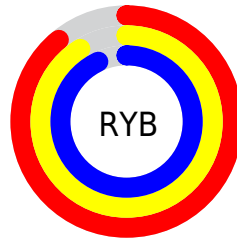
The XYZ color **77.1066, 82.4948, 92.7481** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.1446, 79.7611, 84.0038**, and the grayscale version is **77.8459, 81.9000, 89.1891**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.7780, 44.7906, 50.6995** is the 20% darker color. If you saturate the color by 10%, you get **68.8847, 76.4345, 92.0130**, and if you desaturate by 10%, it is **86.4010, 89.1572, 93.5455**.

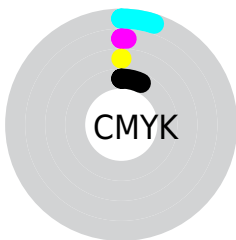
Distribution



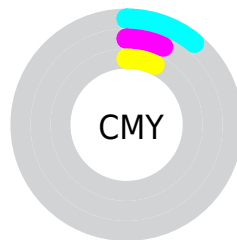
- Red (89%)
- Green (93%)
- Blue (93%)



- Red (89%)
- Yellow (91%)
- Blue (93%)



- Cyan (5%)
- Magenta (1%)
- Yellow (0%)
- Black (7%)



- Cyan (11%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.1066, 82.4948, 92.7481 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 77.1066, 82.4948, 92.7481 by changing the saturation by 10% instead.

■ 77.1066, 82.4948,
92.7481

■ 77.1066, 82.4948,
92.7481

474.0138,
503.3013, 557.7295

■ 57.6406, 61.7735,
69.6757

128.2620,
136.8677, 153.1185

■ 41.7619, 44.8497,
50.7870

160.6821,
171.2880, 191.2535

■ 29.1052, 31.3390,
35.6636

198.1509,
211.0434, 235.2465

■ 19.3051, 20.8572,
23.8868

241.0339,
256.5184, 285.5160

■ 11.9963, 13.0196,
15.0383

289.6963,
308.0973, 342.4805

■ 6.8133, 7.4421,
8.6993

344.5035,

■ 3.3909, 3.7401,

366.1644, 406.5585

4.4515

405.8209,
431.1043, 478.1687

■ 1.3637, 1.5292,
1.8761

■ 0.2301, 0.3092,
0.4775

■ 77.1066, 82.4948,
92.7481

■ 77.1066, 82.4948,
92.7481

■ 68.8847, 76.4345,
92.0130

■ 86.4010, 89.1572,
93.5455

■ 61.6856, 70.9436,
91.3325

■ 89.2177, 92.5229,
94.0466

■ 55.4664, 66.0019,
90.7065

■ 90.5373, 95.1620,
94.4865

■ 50.1780, 61.5837,
90.1324

■ 91.8876, 97.8625,
94.9366

■ 45.7673, 57.6614,
89.6078

■ 92.4329, 98.9531,
95.1184

■ 42.1756, 54.2043,
89.1298

■ 39.3365, 51.1780,
88.6953

■ 37.1733, 48.5425,
88.3006

■ 35.5918, 46.2491,
87.9413

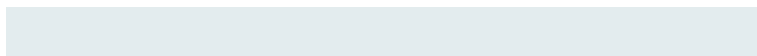
Harmonies

Analogous

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



76.7809, 82.4948, 90.4555



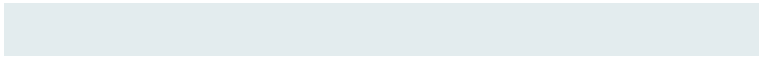
77.1066, 82.4948, 92.7481



77.7817, 82.4948, 94.2760

Triad

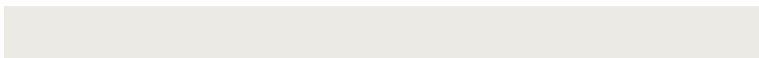
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.1066, 82.4948, 92.7481



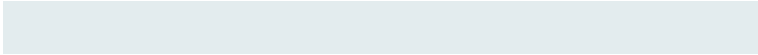
79.9487, 82.4948, 91.6357



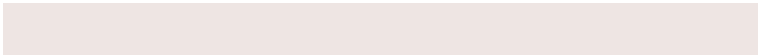
78.1886, 82.4948, 85.2092

Complementary

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



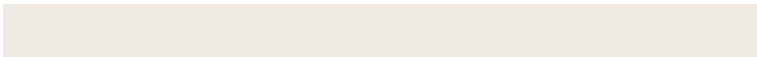
77.1066, 82.4948, 92.7481



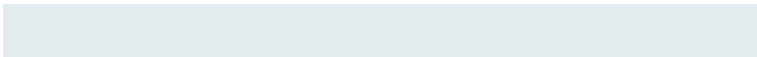
77.1446, 79.7611, 84.0038

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.



79.0393, 82.4948, 85.5121



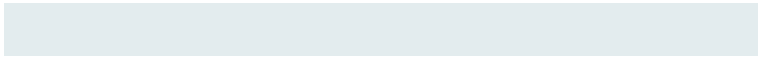
77.1066, 82.4948, 92.7481



80.0596, 82.4948, 89.1931

Square

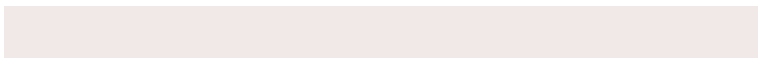
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



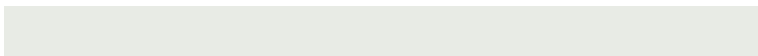
77.1066, 82.4948, 92.7481



79.4237, 82.4948, 93.6256



79.7256, 82.4948, 86.9597



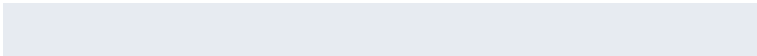
77.4026, 82.4948, 86.1244

Rectangle

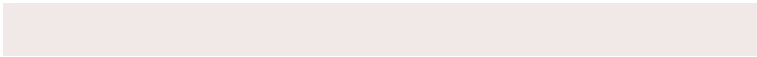
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



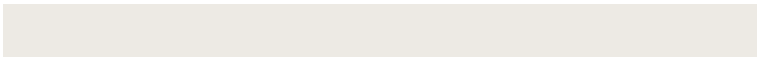
77.1066, 82.4948, 92.7481



78.3412, 82.4948, 94.6396



79.7256, 82.4948, 86.9597



78.4765, 82.4948, 85.1723

Sweetspot

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



77.1090, 82.4983, 92.7499



93.9706, 99.2246, 108.8072



76.3740, 83.1292, 86.0282



20.1250, 21.2463, 23.2902



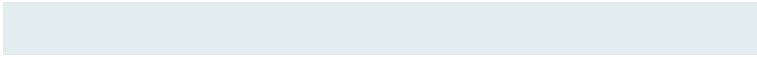
0.0000, 0.0000, 0.0000



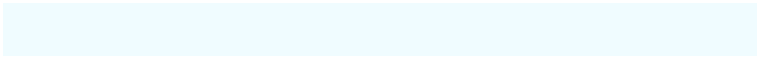
20.3446, 21.4041, 23.3091

Same Dimension

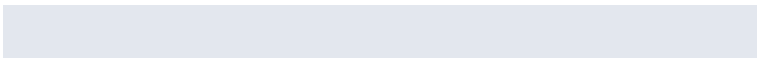
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.1090, 82.4983, 92.7499



88.7640, 95.4539, 108.3538



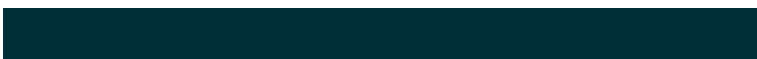
75.5951, 79.4707, 92.2453



16.5118, 17.7960, 20.2863



19.5608, 25.3458, 48.9891



1.6901, 2.2341, 4.0964

Inverse Universe

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



77.8711, 79.1730, 90.5386



89.9179, 90.4461, 104.9997



78.6441, 82.7602, 84.5036



16.7493, 16.7678, 19.5955



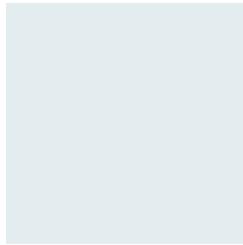
25.1990, 12.3520, 30.0282



2.1280, 1.0403, 2.6650

Previews

White Background



This preview shows how the XYZ color 77.1066, 82.4948, 92.7481 looks on a white background.

Color Contrast Check

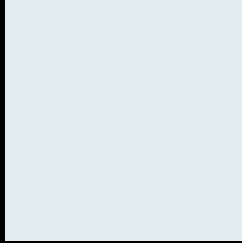
Large Text (above 18pt) WCAG AA × Fail

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 77.1066, 82.4948, 92.7481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

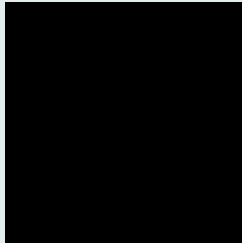
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

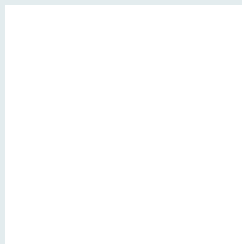
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.1066, 82.4948, 92.7481

Background



This preview shows how black text looks on a background with the XYZ color 77.1066, 82.4948, 92.7481.



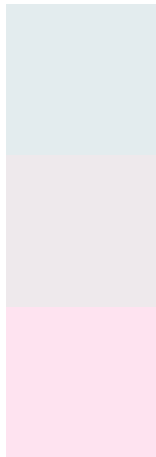
This preview shows how white text looks on a background with the XYZ color 77.1066, 82.4948,

92.7481.

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

77.1066, 82.4948, 92.7481

Protanopia

79.5391, 82.5111, 91.0910

Deuteranopia

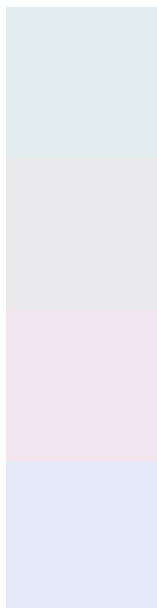
84.0703, 82.3003, 93.8926



Tritanopia

79.3066, 82.5319, 103.8458

Trichromacy



Original Color

77.1066, 82.4948, 92.7481

Protanomaly

78.6406, 82.4525, 91.8909

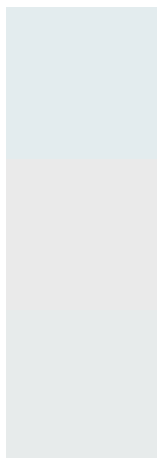
Deuteranomaly

81.1850, 82.0587, 93.2214

Tritanomaly

78.4917, 82.6260, 99.8072

Monochromacy



Original Color

77.1066, 82.4948, 92.7481

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

77.6587, 82.4037, 90.4097

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.1066, 82.4948, 92.7481 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(227, 236, 238) looks like.

```
.text, #text, p{  
    color:rgb(227, 236, 238)  
}
```

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(227, 236, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 236, 238) }
```

Border

The CSS property to change the border of an element to XYZ 77.1066, 82.4948, 92.7481 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(227, 236, 238) }
```


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

```
.border{ border-color:rgb(227, 236, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 236, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 236, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 236, 238);  
box-shadow:4px 4px 4px 4px rgb(227, 236,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 77.1066, 82.4948, 92.7481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 236, 238) }
```

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

```
.background{ background-color: rgb(227,  
236, 238) }
```

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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