

Converting Colors

XYZ(66.1307, 72.2987, 82.6594)

Have a look what the booklet for
XYZ(66.1307, 72.2987, 82.6594)
contains.

XYZ(66.1063, 72.4632, 82.4541)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(66.1063, 72.4632,
82.4541)**

Conversions

Conversions Part 1

Format	Color
Hex	CEE1E2
RGB	206, 225, 226
RGB Percent	81%, 88%, 89%
CMY	0.1921, 0.1176, 0.1137
CMYK	0.09, 0.00, 0.00, 0.11
HSL	183°, 26%, 85%
HSV	183°, 9%, 89%
XYZ	66.1063, 72.4632, 82.4541
YIQ	219.4330, -11.6450, -3.7170

Conversions

Conversions Part 2

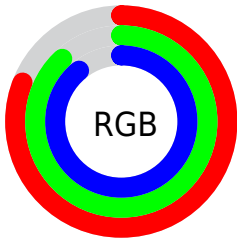
Format	Color
R _Y B	206, 216, 226
Decimal	13558242
CIE Lab	88.19, -6.10, -2.66
CIE LCh	88, 6.652, 203.548
Yxy	72.4632, 0.2991, 0.3279
Android (android.graphics.Color)	4291748322 (0xFFCEE1E2)
YUV	219.4330, 3.2375, -11.7807
Hunter-Lab	85.1253, -10.3505, 2.1582

Details

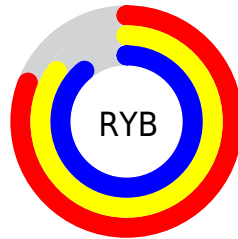
The XYZ color **66.1063, 72.4632, 82.4541** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.8178, 65.2503, 67.5721**, and the grayscale version is **67.6183, 71.1398, 77.4712**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.6743, 38.3651, 44.1058** is the 20% darker color. If you saturate the color by 10%, you get **59.9749, 68.8538, 82.0817**, and if you desaturate by 10%, it is **73.1460, 76.5478, 82.8726**.

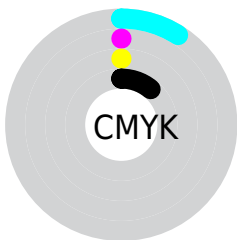
Distribution



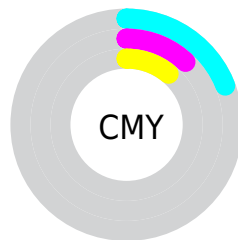
- Red (81%)
- Green (88%)
- Blue (89%)



- Red (81%)
- Yellow (85%)
- Blue (89%)



- Cyan (9%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (19%)
- Magenta (12%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.1063, 72.4632, 82.4541 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 66.1063, 72.4632, 82.4541 by changing the saturation by 10% instead.

■ 66.1063, 72.4632,
82.4541

■ 66.1063, 72.4632,
82.4541

436.2396,
469.1522, 523.0886

■ 48.6267, 53.5371,
61.2019

112.6958,
122.7149, 138.6530

■ 34.5368, 38.2317,
43.9565

142.5364,
154.8092, 174.4368

■ 23.4711, 26.1626,
30.2994

177.2280,
192.0619, 215.9016

■ 15.0644, 16.9453,
19.8120

217.1361,
234.8571, 263.4658

■ 8.9512, 10.1955,
12.0757

262.6259,
283.5794, 317.5481

■ 4.7662, 5.5288,
6.6721

314.0629,

■ 2.1441, 2.5607,

338.6130, 378.5670

3.1826

371.8123,
400.3425, 446.9410

■ 0.7130, 0.9070,
1.1886

■ 0.0000, 0.0000,
0.0000

■ 66.1063, 72.4632,
82.4541

■ 66.1063, 72.4632,
82.4541

■ 59.9749, 68.8538,
82.0817

■ 73.1460, 76.5478,
82.8726

■ 54.7073, 65.6907,
81.7488

■ 81.1238, 81.1170,
83.3341

■ 50.2644, 62.9558,
81.4551

■ 82.8167, 82.4492,
83.5020

■ 46.6019, 60.6261,
81.1984

■ 83.1283, 83.0722,
83.6058

■ 43.6711, 58.6766,
80.9766

■ 83.4418, 83.6994,
83.7103

■ 41.4181, 57.0794,
80.7871

■ 83.7574, 84.3306,
83.8155

■ 39.7814, 55.8029,
80.6269

■ 84.0750, 84.9658,
83.9214

■ 38.6881, 54.8095,
80.4928

■ 84.3947, 85.6051,
84.0280

■ 38.0273, 54.0419,
80.3795

■ 84.7164, 86.2485,
84.1352

Harmonies

Analogous

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



65.8774, 72.4632, 77.9193



66.1063, 72.4632, 82.4541



67.0716, 72.4632, 86.1626

Triad

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



66.1063, 72.4632, 82.4541



71.3654, 72.4632, 84.2234



69.2186, 72.4632, 70.5069

Complementary

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



66.1063, 72.4632, 82.4541



64.8178, 65.2503, 67.5721

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.



70.7086, 72.4632, 72.0576



66.1063, 72.4632, 82.4541



71.9603, 72.4632, 79.8891

Square

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



66.1063, 72.4632, 82.4541



70.1041, 72.4632, 87.2114



71.7181, 72.4632, 75.4497



67.6585, 72.4632, 71.1344

Rectangle

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



66.1063, 72.4632, 82.4541



68.0109, 72.4632, 87.6087



71.7181, 72.4632, 75.4497



69.7445, 72.4632, 70.7887

Sweetspot

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



66.1084, 72.4662, 82.4557



92.1698, 98.3349, 108.7304



63.8729, 72.0045, 69.3511



19.5674, 20.9545, 23.2633



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.



66.1084, 72.4662, 82.4557



85.0285, 94.1741, 108.3037



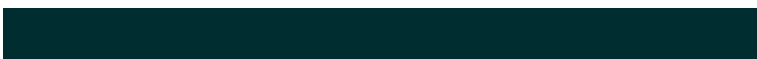
63.5677, 67.3849, 81.6088



14.0550, 15.4491, 17.6289



21.6836, 30.8367, 45.8576



1.5212, 2.1739, 3.1847

Inverse Universe

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



67.0276, 65.7491, 80.3958



86.5211, 83.3011, 104.9508



67.2328, 70.0803, 68.3771



14.2640, 13.9232, 17.1603



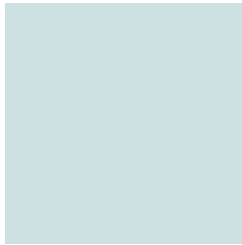
24.8851, 12.0210, 37.6561



1.7341, 0.8369, 2.6586

Previews

White Background



This preview shows how the XYZ color 66.1063, 72.4632, 82.4541 looks on a white background.

Color Contrast Check

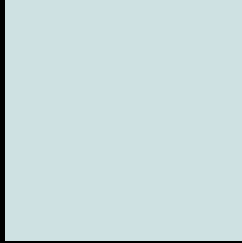
Large Text (above 18pt) WCAG AA × Fail

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 66.1063, 72.4632, 82.4541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

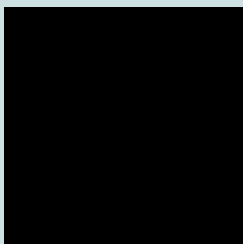
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

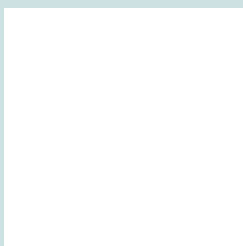
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.1063, 72.4632, 82.4541

Background



This preview shows how black text looks on a background with the XYZ color 66.1063, 72.4632, 82.4541.

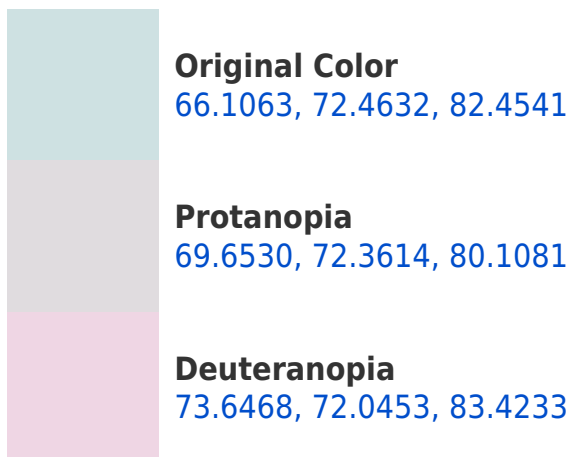


This preview shows how white text looks on a background with the XYZ color 66.1063, 72.4632,

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

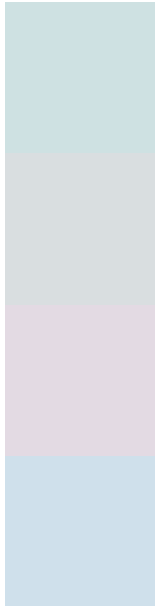




Tritanopia

68.1283, 72.4765, 92.8367

Trichromacy



Original Color

66.1063, 72.4632, 82.4541

Protanomaly

68.1911, 72.3761, 80.8969

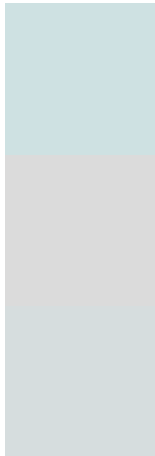
Deuteranomaly

70.6151, 72.0198, 82.8524

Tritanomaly

67.3832, 72.5749, 89.0541

Monochromacy



Original Color

66.1063, 72.4632, 82.4541

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

66.7728, 71.2830, 79.3469

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.1063, 72.4632, 82.4541 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(206, 225, 226) looks like.

```
.text, #text, p{  
    color:rgb(206, 225, 226)  
}
```

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(206, 225, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 225, 226) }
```

Border

The CSS property to change the border of an element to XYZ 66.1063, 72.4632, 82.4541 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(206, 225, 226) }
```


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

```
.border{ border-color:rgb(206, 225, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 225, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 225, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 225, 226);  
box-shadow:4px 4px 4px 4px rgb(206, 225,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 66.1063, 72.4632, 82.4541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 225, 226) }
```

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

```
.background{ background-color: rgb(206,  
225, 226) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor