

Converting Colors

XYZ(64.5882, 70.5762, 78.9245)

Have a look what the booklet for
XYZ(64.5882, 70.5762, 78.9245)
contains.

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Color

**XYZ(64.6260, 70.5848,
78.6247)**

Conversions

Conversions Part 1

Format	Color
Hex	CEDEDD
RGB	206, 222, 221
RGB Percent	81%, 87%, 87%
CMY	0.1922, 0.1294, 0.1333
CMYK	0.07, 0.00, 0.00, 0.13
HSL	176°, 20%, 84%
HSV	176°, 7%, 87%
XYZ	64.6260, 70.5848, 78.6247
YIQ	217.1020, -9.2150, -3.7030

Conversions

Conversions Part 2

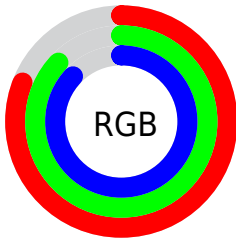
Format	Color
R _Y B	206, 214, 222
Decimal	13557469
CIE Lab	87.28, -5.52, -1.36
CIE LCh	87, 5.680, 193.818
Yxy	70.5848, 0.3022, 0.3301
Android (android.graphics.Color)	4291747549 (0xFFCEDEDD)
YUV	217.1020, 1.9217, -9.7365
Hunter-Lab	84.0148, -9.7197, 3.3241

Details

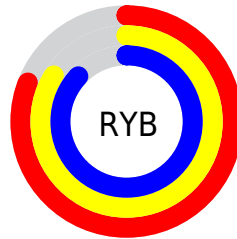
The XYZ color **64.6260, 70.5848, 78.6247** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.4605, 64.1790, 68.0778**, and the grayscale version is **66.0167, 69.4547, 75.6361**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.6505, 37.0660, 41.4573** is the 20% darker color. If you saturate the color by 10%, you get **58.7088, 67.5576, 77.3850**, and if you desaturate by 10%, it is **71.4193, 74.0673, 79.9163**.

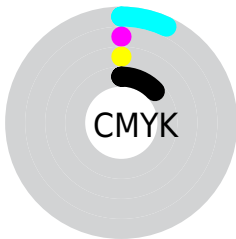
Distribution



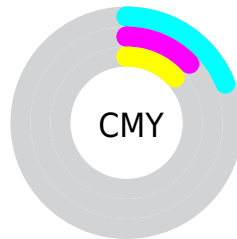
- Red (81%)
- Green (87%)
- Blue (87%)



- Red (81%)
- Yellow (84%)
- Blue (87%)



- Cyan (7%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)



- Cyan (19%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.6260, 70.5848, 78.6247 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 64.6260, 70.5848, 78.6247 by changing the saturation by 10% instead.

■ 64.6260, 70.5848,
78.6247

■ 64.6260, 70.5848,
78.6247

431.0132,
462.6007, 509.8698

■ 47.4215, 52.0034,
58.0678

110.5807,
120.0423, 133.2243

■ 33.5783, 37.0078,
41.4481

140.0616,
151.6873, 168.1040

■ 22.7312, 25.2135,
28.3470

174.3652,
188.4556, 208.5951

■ 14.5147, 16.2362,
18.3461

213.8571,
230.7316, 255.1161

■ 8.5636, 9.6915,
11.0268

258.9024,
278.8997, 308.0855

■ 4.5125, 5.1949,
5.9704

309.8667,

■ 1.9959, 2.3621,

333.3443, 367.9219

2.7586

367.1152,
394.4499, 435.0438

■ 0.6317, 0.8063,
0.9727

■ 0.0000, 0.0000,
0.0000

■ 64.6260, 70.5848,
78.6247

■ 64.6260, 70.5848,
78.6247

■ 58.7088, 67.5576,
77.3850

■ 71.4193, 74.0673,
79.9163

■ 53.6253, 64.9582,
76.1909

■ 79.1169, 78.0138,
81.2568

■ 49.3387, 62.7694,
75.0421

■ 80.9774, 78.9511,
82.3322

■ 45.8071, 60.9696,
73.9366

■ 81.1683, 79.0275,
83.3376

■ 42.9848, 59.5352,
72.8723

■ 81.3608, 79.1045,
84.3511

■ 40.8209, 58.4401,
71.8466

■ 81.5548, 79.1821,
85.3729

■ 39.2579, 57.6547,
70.8571

■ 81.7504, 79.2603,
86.4028

■ 38.2286, 57.1442,
69.9004

■ 81.9476, 79.3392,
87.4410

■ 37.6438, 56.8626,
68.9723

■ 82.1463, 79.4187,
88.4874

Harmonies

Analogous

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



64.6527, 70.5848, 74.8235



64.6260, 70.5848, 78.6247



65.2530, 70.5848, 82.0598

Triad

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



64.6260, 70.5848, 78.6247



68.8824, 70.5848, 82.2841



67.8069, 70.5848, 70.0063

Complementary

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



64.6260, 70.5848, 78.6247



63.4605, 64.1790, 68.0778

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.



68.9586, 70.5848, 71.8747



64.6260, 70.5848, 78.6247



69.5852, 70.5848, 78.9226

Square

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



64.6260, 70.5848, 78.6247



67.7039, 70.5848, 84.2195



69.6133, 70.5848, 75.1118



66.4773, 70.5848, 69.9326

Rectangle

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



64.6260, 70.5848, 78.6247



65.9621, 70.5848, 83.6450



69.6133, 70.5848, 75.1118



68.2281, 70.5848, 70.4425

Sweetspot

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



64.6280, 70.5878, 78.6263



93.1471, 99.0249, 108.5424



63.0147, 69.9768, 68.5792



19.9572, 21.2056, 23.2363



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.



64.6280, 70.5878, 78.6263



86.8741, 95.8118, 107.3126



62.9579, 67.0329, 78.7311



14.0775, 15.5567, 17.4435



22.2996, 33.7447, 40.8963



1.5571, 2.3436, 2.8947

Inverse Universe

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



63.4605, 64.1790, 68.0778



84.8886, 84.9126, 89.3732



65.0448, 67.5432, 68.0025



13.7419, 13.7144, 14.4111



17.9538, 9.2485, 1.1564



1.2569, 0.6460, 0.1457

Previews

White Background



This preview shows how the XYZ color 64.6260, 70.5848, 78.6247 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 64.6260, 70.5848, 78.6247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

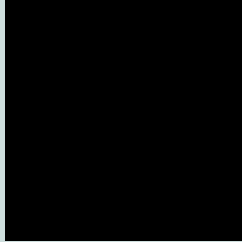
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

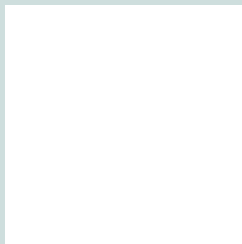
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.6260, 70.5848, 78.6247

Background



This preview shows how black text looks on a background with the XYZ color 64.6260, 70.5848, 78.6247.

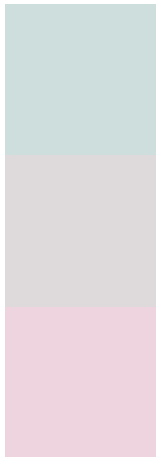


This preview shows how white text looks on a background with the XYZ color 64.6260, 70.5848,

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

64.6260, 70.5848, 78.6247

Protanopia

67.5919, 70.2173, 76.3205

Deuteranopia

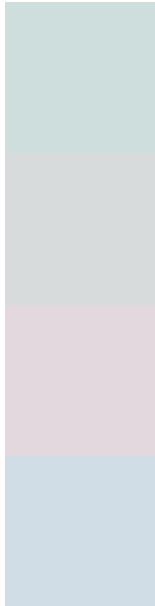
71.7878, 70.4192, 79.6207



Tritanopia

67.1738, 70.8561, 90.2569

Trichromacy



Original Color

64.6260, 70.5848, 78.6247

Protanomaly

66.4366, 70.3764, 77.1003

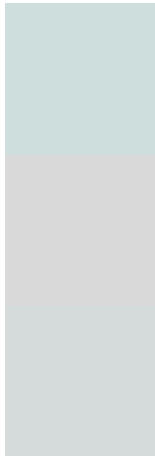
Deuteranomaly

69.1047, 70.5544, 79.0834

Tritanomaly

66.2927, 70.8923, 85.7909

Monochromacy



Original Color

64.6260, 70.5848, 78.6247

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

65.4270, 69.8711, 76.3678

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.6260, 70.5848, 78.6247 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, 222, 221) looks like.

```
.text, #text, p{  
    color:rgb(206, 222, 221)  
}
```

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, 222, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 222, 221) }
```

Border

The CSS property to change the border of an element to XYZ 64.6260, 70.5848, 78.6247 is called "border". The border property can be set on classes, ids or directly on the HTML element.

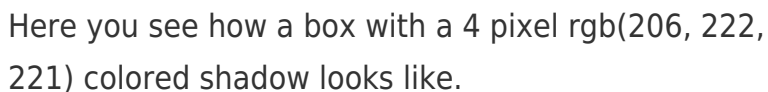
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 222, 221) }
```


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

```
.border{ border-color:rgb(206, 222, 221) }
```

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



Here you see how a box with a 4 pixel `rgb(206, 222, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 222, 221); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 222, 221); box-shadow:4px 4px 4px 4px rgb(206, 222, 221) }
```

Background

The CSS property to change the background color of an element to XYZ 64.6260, 70.5848, 78.6247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 222, 221) }
```

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

```
.background{ background-color: rgb(206,  
222, 221) }
```

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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