

Converting Colors

XYZ(61.9587, 64.3371, 88.5010)

Have a look what the booklet for
XYZ(61.9587, 64.3371, 88.5010)
contains.

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Color

**XYZ(62.0063, 64.4287,
88.5248)**

Conversions

Conversions Part 1

Format	Color
Hex	C8D2EC
RGB	200, 210, 236
RGB Percent	78%, 82%, 93%
CMY	0.2157, 0.1765, 0.0745
CMYK	0.15, 0.11, 0.00, 0.07
HSL	223°, 49%, 85%
HSV	223°, 15%, 93%
XYZ	62.0063, 64.4287, 88.5248
YIQ	209.9740, -14.3060, 5.9660

Conversions

Conversions Part 2

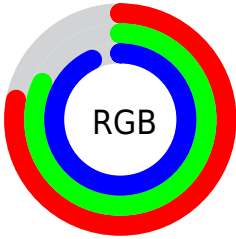
Format	Color
R _Y B	200, 208, 236
Decimal	13161196
CIE Lab	84.19, 1.80, -13.93
CIE LCh	84, 14.043, 277.363
Yxy	64.4287, 0.2885, 0.2997
Android (android.graphics.Color)	4291351276 (0xFFC8D2EC)
YUV	209.9740, 12.8308, -8.7472
Hunter-Lab	80.2675, -2.5776, -9.2021

Details

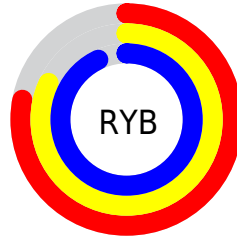
The XYZ color **62.0063, 64.4287, 88.5248** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **72.2141, 76.3953, 65.5845**, and the grayscale version is **61.1683, 64.3538, 70.0813**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.9807, 33.1832, 47.8995** is the 20% darker color. If you saturate the color by 10%, you get **52.1976, 53.4564, 86.9249**, and if you desaturate by 10%, it is **73.2399, 76.8041, 90.3224**.

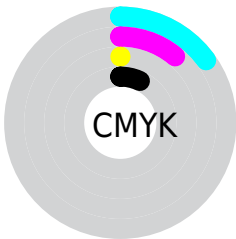
Distribution



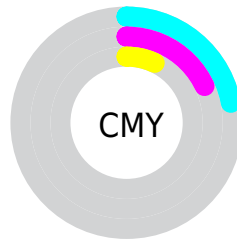
- Red (78%)
- Green (82%)
- Blue (93%)



- Red (78%)
- Yellow (82%)
- Blue (93%)



- Cyan (15%)
- Magenta (11%)
- Yellow (0%)
- Black (7%)



- Cyan (22%)
- Magenta (18%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.0063, 64.4287, 88.5248 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 62.0063, 64.4287, 88.5248 by changing the saturation by 10% instead.

■ 62.0063, 64.4287,
88.5248

■ 62.0063, 64.4287,
88.5248

421.6713,
440.7361, 543.6661

■ 45.2934, 46.9980,
66.1910

106.8245,
111.2281, 147.2051

■ 31.8909, 33.0341,
47.9700

135.6606,
141.3656, 184.3887

■ 21.4333, 22.1525,
33.4433

169.2684,
176.5074, 227.3593

■ 13.5554, 13.9690,
22.1924

208.0133,
217.0381, 276.5354

■ 7.8917, 8.0991,
13.7986

252.2607,
263.3418, 332.3356

■ 4.0769, 4.1584,
7.8436

302.3759,

■ 1.7458, 1.7626,

315.8032, 395.1784

3.9087

358.7243,
374.8065, 465.4824

■ 0.4847, 0.4637,
1.5754

■ 0.0000, 0.0000,
0.2732

■ 62.0063, 64.4287,
88.5248

■ 62.0063, 64.4287,
88.5248

■ 52.1976, 53.4564,
86.9249

■ 73.2399, 76.8041,
90.3224

■ 43.7495, 43.8283,
85.5118

■ 85.9475, 90.6227,
92.3199

■ 36.6014, 35.4930,
84.2797

■ 92.1405, 98.8362,
93.5789

■ 30.6855, 28.3927,
83.2210

■ 25.9276, 22.4646,
82.3275

■ 22.2450, 17.6400,
81.5904

■ 19.5429, 13.8421,
80.9997

■ 17.7076, 10.9815,
80.5443

■ 17.0640, 9.9031,
80.3701

Harmonies

Analogous

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



58.9668, 64.4287, 87.1574



62.0063, 64.4287, 88.5248



64.9349, 64.4287, 84.6480

Triad

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



62.0063, 64.4287, 88.5248



66.1095, 64.4287, 60.2729



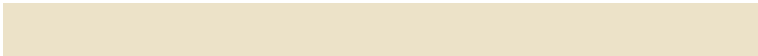
55.8876, 64.4287, 63.7705

Complementary

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



62.0063, 64.4287, 88.5248



72.2141, 76.3953, 65.5845

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.



57.6832, 64.4287, 57.4131



62.0063, 64.4287, 88.5248



63.5658, 64.4287, 55.5161

Square

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



62.0063, 64.4287, 88.5248



67.3554, 64.4287, 67.9822



60.4752, 64.4287, 54.5151



55.5018, 64.4287, 72.3673

Rectangle

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



62.0063, 64.4287, 88.5248



66.4073, 64.4287, 79.7897



60.4752, 64.4287, 54.5151



56.3433, 64.4287, 61.3232

Sweetspot

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



62.0082, 64.4314, 88.5262



87.6466, 91.9270, 107.7320



67.5161, 77.7514, 83.2579



18.5449, 19.4408, 23.0250



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.



62.0082, 64.4314, 88.5262



70.4552, 72.9548, 104.9760



61.7520, 60.7469, 87.8286



14.5719, 15.2302, 19.0940



9.4994, 5.6457, 44.3320



0.8245, 0.6004, 3.5073

Inverse Universe

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



66.8807, 63.7960, 69.7647



77.2302, 72.1761, 78.8654



72.4803, 80.6889, 66.3992



15.2375, 15.1228, 16.5358



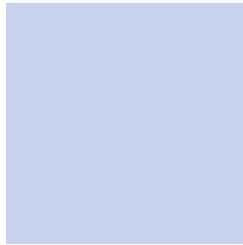
19.6501, 10.0627, 3.9590



1.5826, 0.8060, 0.5196

Previews

White Background



This preview shows how the XYZ color 62.0063, 64.4287, 88.5248 looks on a white background.

Color Contrast Check

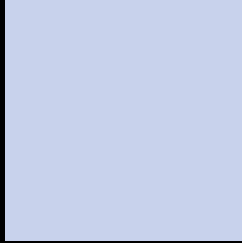
Large Text (above 18pt) WCAG AA × Fail

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 62.0063, 64.4287, 88.5248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

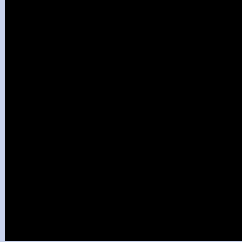
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.0063, 64.4287, 88.5248

Background



This preview shows how black text looks on a background with the XYZ color 62.0063, 64.4287, 88.5248.



This preview shows how white text looks on a background with the XYZ color 62.0063, 64.4287,

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

62.0063, 64.4287, 88.5248

Protanopia

63.0049, 64.2317, 87.6745

Deuteranopia

65.4942, 64.0519, 89.0321



Tritanopia

60.8510, 64.3321, 82.6089

Trichromacy



Original Color

62.0063, 64.4287, 88.5248

Protanomaly

62.6977, 64.4365, 87.7302

Deuteranomaly

64.2213, 64.1059, 89.1096

Tritanomaly

61.2713, 64.5002, 84.8217

Monochromacy



Original Color

62.0063, 64.4287, 88.5248

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.2864, 64.3295, 76.2045

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.0063, 64.4287, 88.5248 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(200, 210, 236)` looks like.

```
.text, #text, p{  
    color:rgb(200, 210, 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(200, 210, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 210, 236) }
```

Border

The CSS property to change the border of an element to XYZ 62.0063, 64.4287, 88.5248 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(200, 210, 236) }
```


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

```
.border{ border-color:rgb(200, 210, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 210, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 210, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 210, 236);  
box-shadow:4px 4px 4px 4px rgb(200, 210,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 62.0063, 64.4287, 88.5248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 210, 236) }
```

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

```
.background{ background-color: rgb(200,  
210, 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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