

Converting Colors

XYZ(61.6857, 63.1240, 88.2939)

Have a look what the booklet for
XYZ(61.6857, 63.1240, 88.2939)
contains.

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Color

**XYZ(61.8103, 63.2383,
88.3053)**

Conversions

Conversions Part 1

Format	Color
Hex	CACFEC
RGB	202, 207, 236
RGB Percent	79%, 81%, 93%
CMY	0.2078, 0.1882, 0.0745
CMYK	0.14, 0.12, 0.00, 0.07
HSL	231°, 47%, 86%
HSV	231°, 14%, 93%
XYZ	61.8103, 63.2383, 88.3053
YIQ	208.8110, -12.2890, 7.9590

Conversions

Conversions Part 2

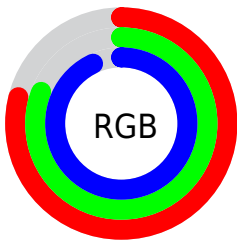
Format	Color
R_{YB}	202, 206, 236
Decimal	13291500
CIE _{Lab}	83.57, 4.02, -14.84
CIE _{LCh}	84, 15.378, 285.148
Yxy	63.2383, 0.2897, 0.2964
Android (android.graphics.Color)	4291481580 (0xFFCACFEC)
YUV	208.8110, 13.4042, -5.9732
Hunter-Lab	79.5225, -0.4221, -10.1725

Details

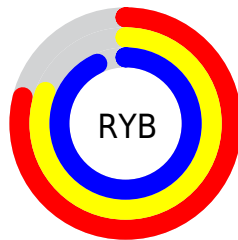
The XYZ color **61.8103, 63.2383, 88.3053** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **73.8292, 79.2489, 67.2840**, and the grayscale version is **60.4039, 63.5496, 69.2055**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.8422, 32.3737, 47.7505** is the 20% darker color. If you saturate the color by 10%, you get **51.3372, 51.0571, 86.5071**, and if you desaturate by 10%, it is **73.8854, 77.1715, 90.3593**.

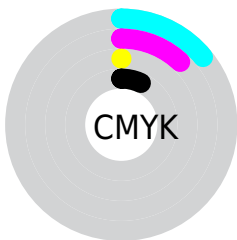
Distribution



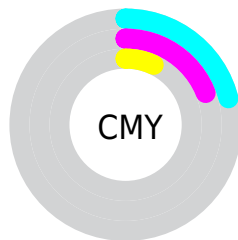
- Red (79%)
- Green (81%)
- Blue (93%)



- Red (79%)
- Yellow (81%)
- Blue (93%)



- Cyan (14%)
- Magenta (12%)
- Yellow (0%)
- Black (7%)



- Cyan (21%)
- Magenta (19%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.8103, 63.2383, 88.3053 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 61.8103, 63.2383, 88.3053 by changing the saturation by 10% instead.

■ 61.8103, 63.2383,
88.3053

■ 61.8103, 63.2383,
88.3053

420.9674,
436.4338, 542.9297

■ 45.1345, 46.0340,
66.0102

106.5428,
109.5132, 146.8970

■ 31.7651, 32.2727,
47.8241

135.3302,
139.3527, 184.0306

■ 21.3368, 21.5699,
33.3286

168.8854,
174.1726, 226.9475

■ 13.4843, 13.5412,
22.1051

207.5739,
214.3575, 276.0662

■ 7.8421, 7.8022,
13.7351

251.7610,
260.2916, 331.8052

■ 4.0451, 3.9687,
7.8000

301.8120,

■ 1.7277, 1.6561,

312.3595, 394.5831

3.8813

358.0924,
370.9454, 464.8184

■ 0.4735, 0.3950,
1.5605

■ 0.0000, 0.0000,
0.2624

■ 61.8103, 63.2383,
88.3053

■ 61.8103, 63.2383,
88.3053

■ 51.3372, 51.0571,
86.5071

■ 73.8854, 77.1715,
90.3593

■ 42.3928, 40.5506,
84.9505

■ 87.6202, 92.9142,
92.6740

■ 34.9067, 31.6472,
83.6266

■ 92.1405, 98.8362,
93.5788

■ 28.8005, 24.2674,
82.5240

■ 23.9885, 18.3244,
81.6305

■ 20.3750, 13.7228,
80.9327

■ 17.8509, 10.3550,
80.4157

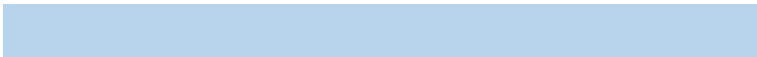
■ 16.2857, 8.0958,
80.0621

■ 15.7334, 7.2419,
79.9264

Harmonies

Analogous

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



58.4652, 63.2383, 88.3345



61.8103, 63.2383, 88.3053



64.8038, 63.2383, 82.7478

Triad

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



61.8103, 63.2383, 88.3053



64.7790, 63.2383, 56.5533



54.0748, 63.2383, 64.2209

Complementary

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



61.8103, 63.2383, 88.3053



73.8292, 79.2489, 67.2840

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.



55.6411, 63.2383, 56.6127



61.8103, 63.2383, 88.3053



61.7774, 63.2383, 52.4742

Square

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



61.8103, 63.2383, 88.3053



66.5607, 63.2383, 64.1328



58.4335, 63.2383, 52.4948



54.0829, 63.2383, 73.8051

Rectangle

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



61.8103, 63.2383, 88.3053



66.1614, 63.2383, 76.9288



58.4335, 63.2383, 52.4948



54.4320, 63.2383, 61.3682

Sweetspot

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



61.8122, 63.2409, 88.3067



88.6837, 92.6911, 107.8248



68.7635, 78.3125, 87.0200



18.7334, 19.5539, 23.0369



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.



61.8122, 63.2409, 88.3067



70.1792, 71.3223, 104.6755



63.9646, 62.5798, 88.0657



14.4100, 14.9065, 19.0400



8.7293, 4.1056, 44.0753



0.7408, 0.4332, 3.4794

Inverse Universe

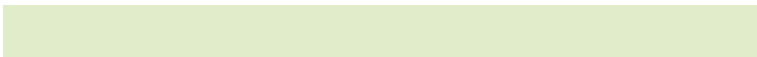
The Inverse Universe completely reimagines the original color for something new.



66.9766, 64.5805, 67.9696



77.3546, 73.2356, 76.4076



71.4288, 80.1196, 67.5786



15.1558, 15.0902, 16.1055



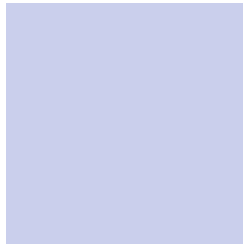
19.2614, 9.9073, 1.9121



1.5404, 0.7891, 0.2974

Previews

White Background



This preview shows how the XYZ color 61.8103, 63.2383, 88.3053 looks on a white background.

Color Contrast Check

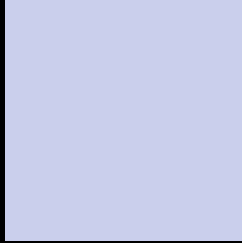
Large Text (above 18pt) WCAG AA × Fail

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 61.8103, 63.2383, 88.3053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

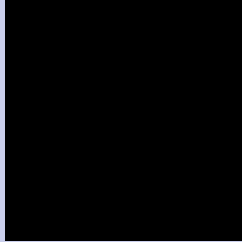
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.8103, 63.2383, 88.3053

Background



This preview shows how black text looks on a background with the XYZ color 61.8103, 63.2383, 88.3053.



This preview shows how white text looks on a background with the XYZ color 61.8103, 63.2383,

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

61.8103, 63.2383, 88.3053

Protanopia

62.3550, 63.5191, 88.3308

Deuteranopia

64.6663, 63.2734, 88.9255



Tritanopia

60.2105, 63.3165, 80.2820

Trichromacy



Original Color

61.8103, 63.2383, 88.3053

Protanomaly

62.0817, 63.3783, 88.3181

Deuteranomaly

63.4573, 63.0018, 88.9368

Tritanomaly

60.7861, 63.1864, 83.1212

Monochromacy



Original Color

61.8103, 63.2383, 88.3053

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.7957, 63.3480, 76.0410

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8103, 63.2383, 88.3053 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(202, 207, 236)` looks like.

```
.text, #text, p{  
    color:rgb(202, 207, 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(202, 207, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 207, 236) }
```

Border

The CSS property to change the border of an element to XYZ 61.8103, 63.2383, 88.3053 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(202, 207, 236) }
```


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

```
.border{ border-color:rgb(202, 207, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 207, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 207, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 207, 236);  
box-shadow:4px 4px 4px 4px rgb(202, 207,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8103, 63.2383, 88.3053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 207, 236) }
```

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

```
.background{ background-color: rgb(202,  
207, 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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