

Converting Colors

XYZ(58.9578, 63.2400, 88.8291)

Have a look what the booklet for
XYZ(58.9578, 63.2400, 88.8291)
contains.

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Color

**XYZ(58.9281, 63.2095,
88.4517)**

Conversions

Conversions Part 1

Format	Color
Hex	BBD3EC
RGB	187, 211, 236
RGB Percent	73%, 83%, 93%
CMY	0.2667, 0.1725, 0.0745
CMYK	0.21, 0.11, 0.00, 0.07
HSL	211°, 56%, 83%
HSV	211°, 21%, 93%
XYZ	58.9281, 63.2095, 88.4517
YIQ	206.6740, -22.3290, 2.6870

Conversions

Conversions Part 2

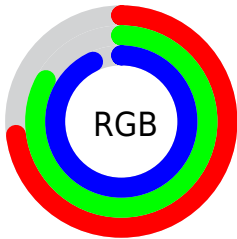
Format	Color
R _Y B	187, 203, 236
Decimal	12309484
CIE Lab	83.55, -2.76, -14.97
CIE LCh	84, 15.224, 259.566
Yxy	63.2095, 0.2798, 0.3002
Android (android.graphics.Color)	4290499564 (0xFFBBD3EC)
YUV	206.6740, 14.4577, -17.2541
Hunter-Lab	79.5044, -6.8298, -10.3093

Details

The XYZ color **58.9281, 63.2095, 88.4517** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.1057, 68.5077, 56.7015**, and the grayscale version is **59.0203, 62.0940, 67.6203**.

A 20% lighter version of the original color is **91.1182, 97.9731, 108.7160**, and **29.9681, 32.3958, 47.8535** is the 20% darker color. If you saturate the color by 10%, you get **50.7426, 54.7160, 87.2447**, and if you desaturate by 10%, it is **68.2902, 72.6454, 89.7806**.

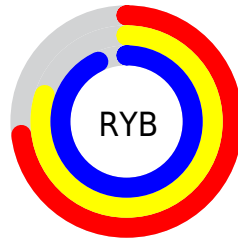
Distribution



Red (73%)

Green (83%)

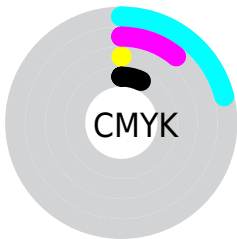
Blue (93%)



Red (73%)

Yellow (80%)

Blue (93%)

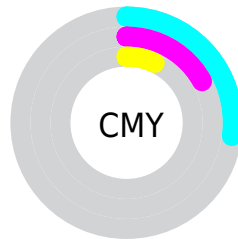


Cyan (21%)

Magenta (11%)

Yellow (0%)

Black (7%)



Cyan (27%)

Magenta (17%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.9281, 63.2095, 88.4517 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 58.9281, 63.2095, 88.4517 by changing the saturation by 10% instead.

■ 58.9281, 63.2095,
88.4517

■ 58.9281, 63.2095,
88.4517

410.5337,
436.3294, 543.4209

■ 42.8014, 46.0107,
66.1308

■ 102.3884,
109.4717, 147.1025

■ 29.9232, 32.2543,
47.9214

130.4527,
139.3039, 184.2695

■ 19.9281, 21.5558,
33.4051

163.2269,
174.1160, 227.2222

■ 12.4507, 13.5309,
22.1633

201.0763,
214.2925, 276.3792

■ 7.1258, 7.7951,
13.7775

244.3663,
260.2177, 332.1590

■ 3.5879, 3.9641,
7.8291

293.4624,

■ 1.4718, 1.6535,

312.2759, 394.9802

3.8996

348.7297,
370.8517, 465.2613

■ 0.3065, 0.3933,
1.5704

■ 0.0000, 0.0000,
0.2696

■ 58.9281, 63.2095,
88.4517

■ 58.9281, 63.2095,
88.4517

■ 50.7426, 54.7160,
87.2447

■ 68.2902, 72.6454,
89.7806

■ 43.6769, 47.1234,
86.1516

■ 78.8711, 83.0476,
91.2308

■ 37.6776, 40.3985,
85.1698

■ 89.6790, 93.9132,
92.7584

■ 32.6844, 34.5024,
84.2949

■ 92.1405, 98.8362,
93.5789

■ 28.6303, 29.3924,
83.5222

■ 25.4393, 25.0210,
82.8467

■ 23.0212, 21.3329,
82.2622

■ 21.3405, 18.4561,
81.7955

Harmonies

Analogous

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



56.0261, 63.2095, 83.7260



58.9281, 63.2095, 88.4517



62.2458, 63.2095, 87.5626

Triad

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



58.9281, 63.2095, 88.4517



66.3077, 63.2095, 62.8717



55.3418, 63.2095, 57.6170

Complementary

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



58.9281, 63.2095, 88.4517



67.1057, 68.5077, 56.7015

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.



57.9626, 63.2095, 52.9705



58.9281, 63.2095, 88.4517



64.3222, 63.2095, 55.8050

Square

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



58.9281, 63.2095, 88.4517



66.5895, 63.2095, 72.1946



61.2442, 63.2095, 52.3392



54.0068, 63.2095, 65.5608

Rectangle

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



58.9281, 63.2095, 88.4517



64.2446, 63.2095, 83.9293



61.2442, 63.2095, 52.3392



56.0970, 63.2095, 55.6501

Sweetspot

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



58.9300, 63.2121, 88.4531



87.2037, 92.3335, 107.8338



62.3109, 75.2852, 73.2058



18.4894, 19.5901, 23.0567



0.0000, 0.0000, 0.0000



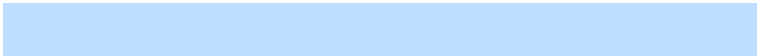
20.3446, 21.4041, 23.3091

Same Dimension

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



58.9300, 63.2121, 88.4531



65.8472, 70.8256, 104.8079



53.4055, 52.1630, 86.6116



14.8404, 15.7673, 19.1835



11.8920, 10.4310, 45.1296



1.0299, 1.0112, 3.5758

Inverse Universe

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



64.1218, 58.0782, 69.4616



73.1743, 63.9303, 77.9266



73.5583, 81.4128, 58.8524



15.3730, 15.1771, 17.2495



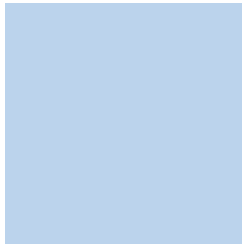
20.8578, 10.5458, 10.3187



1.6863, 0.8475, 1.0656

Previews

White Background



This preview shows how the XYZ color 58.9281, 63.2095, 88.4517 looks on a white background.

Color Contrast Check

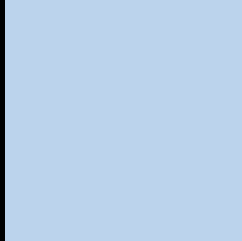
Large Text (above 18pt) WCAG AA × Fail

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 58.9281, 63.2095, 88.4517 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

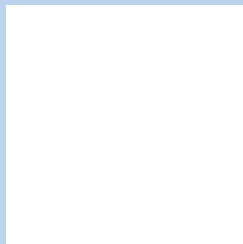
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.9281, 63.2095, 88.4517

Background



This preview shows how black text looks on a background with the XYZ color 58.9281, 63.2095, 88.4517.



This preview shows how white text looks on a background with the XYZ color 58.9281, 63.2095,

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

58.9281, 63.2095, 88.4517

Protanopia

61.6811, 62.8632, 85.9737

Deuteranopia

64.5201, 63.1811, 89.6835



Tritanopia

57.9360, 63.1832, 83.2708

Trichromacy



Original Color

58.9281, 63.2095, 88.4517

Protanomaly

60.6959, 63.0580, 86.8143

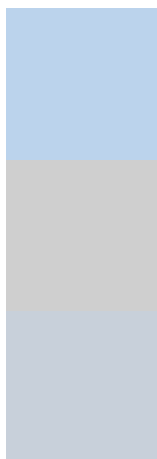
Deuteranomaly

62.2592, 63.0944, 89.0178

Tritanomaly

58.3587, 63.3523, 85.4963

Monochromacy



Original Color

58.9281, 63.2095, 88.4517

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.0302, 62.4531, 75.2731

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9281, 63.2095, 88.4517 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(187, 211, 236)` looks like.

```
.text, #text, p{  
    color:rgb(187, 211, 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(187, 211, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 211, 236) }
```

Border

The CSS property to change the border of an element to XYZ 58.9281, 63.2095, 88.4517 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(187, 211, 236) }
```


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

```
.border{ border-color:rgb(187, 211, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 211, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 211, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 211, 236);  
box-shadow:4px 4px 4px 4px rgb(187, 211,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9281, 63.2095, 88.4517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 211, 236) }
```

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

```
.background{ background-color: rgb(187,  
211, 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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