

Converting Colors

XYZ(58.3203, 60.5695, 95.0035)

Have a look what the booklet for
XYZ(58.3203, 60.5695, 95.0035)
contains.

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Color

**XYZ(58.3203, 60.5695,
95.0035)**

Conversions

Conversions Part 1

Format	Color
Hex	B9CDF5
RGB	185, 205, 245
RGB Percent	73%, 80%, 96%
CMY	0.2745, 0.1961, 0.0392
CMYK	0.24, 0.16, 0.00, 0.04
HSL	220°, 75%, 84%
HSV	220°, 24%, 96%
XYZ	58.3203, 60.5695, 95.0035
YIQ	203.5800, -24.7600, 8.2000

Conversions

Conversions Part 2

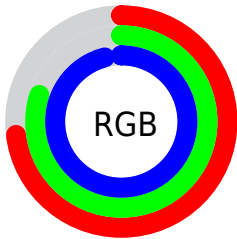
Format	Color
R _Y B	185, 200, 245
Decimal	12176885
CIE Lab	82.15, 1.83, -21.89
CIE LCh	82, 21.971, 274.781
Yxy	60.5695, 0.2727, 0.2832
Android (android.graphics.Color)	4290366965 (0xFFB9CDF5)
YUV	203.5800, 20.4201, -16.2947
Hunter-Lab	77.8264, -2.4348, -17.8974

Details

The XYZ color **58.3203, 60.5695, 95.0035** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **73.3390, 76.7659, 56.8524**, and the grayscale version is **57.0176, 59.9870, 65.3258**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **29.6120, 30.6326, 52.4961** is the 20% darker color. If you saturate the color by 10%, you get **49.2066, 50.3722, 93.5166**, and if you desaturate by 10%, it is **68.8641, 72.1124, 96.6768**.

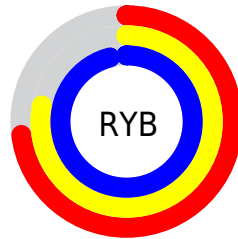
Distribution



Red (73%)

Green (80%)

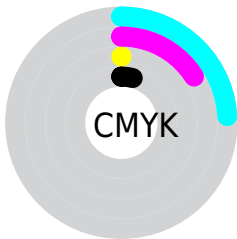
Blue (96%)



Red (73%)

Yellow (78%)

Blue (96%)

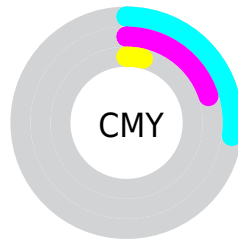


Cyan (24%)

Magenta (16%)

Yellow (0%)

Black (4%)



Cyan (27%)

Magenta (20%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.3203, 60.5695, 95.0035 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 58.3203, 60.5695, 95.0035 by changing the saturation by 10% instead.

■ 58.3203, 60.5695,
95.0035

■ 58.3203, 60.5695,
95.0035

408.3130,
426.6938, 565.1608

■ 42.3105, 43.8778,
71.5410

■ 101.5094,
105.6554, 156.2651

■ 29.5366, 30.5745,
52.2993

129.4194,
134.8183, 194.9012

■ 19.6335, 20.2750,
36.8598

162.0269,
168.9072, 239.4323

■ 12.2356, 12.5951,
24.8040

199.6971,
208.3064, 290.2768

■ 6.9777, 7.1504,
15.7134

242.7955,
253.4002, 347.8534

■ 3.4944, 3.5563,
9.1694

291.6874,

■ 1.4203, 1.4286,

304.5731, 412.5806

4.7535

346.7381,
362.2095, 484.8769

■ 0.2706, 0.2377,
2.0472

■ 0.0000, 0.0000,
0.5841

■ 58.3203, 60.5695,
95.0035

■ 58.3203, 60.5695,
95.0035

■ 49.2066, 50.3722,
93.5166

■ 68.8641, 72.1124,
96.6768

■ 41.4525, 41.4613,
92.2053

■ 80.8927, 85.0423,
98.5386

■ 34.9901, 33.7839,
91.0640

■ 93.1641, 98.7376,
100.5352

■ 29.7428, 27.2800,
90.0852

■ 93.4816, 99.3727,
100.6411

■ 25.6252, 21.8838,
89.2606

■ 22.5396, 17.5219,
88.5813

■ 20.3685, 14.1090,
88.0370

■ 19.4745, 12.5784,
87.7887

Harmonies

Analogous

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



53.8317, 60.5695, 92.0261



58.3203, 60.5695, 95.0035



62.8391, 60.5695, 89.3784

Triad

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



58.3203, 60.5695, 95.0035



65.2552, 60.5695, 52.3549



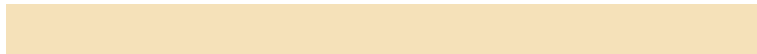
49.8302, 60.5695, 55.5990

Complementary

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



58.3203, 60.5695, 95.0035



73.3390, 76.7659, 56.8524

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.



52.6030, 60.5695, 47.0212



58.3203, 60.5695, 95.0035



61.4764, 60.5695, 45.3331

Square

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



58.3203, 60.5695, 95.0035



66.9784, 60.5695, 63.8320



56.8252, 60.5695, 43.5204



49.0858, 60.5695, 68.1141

Rectangle

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



58.3203, 60.5695, 95.0035



65.2125, 60.5695, 81.9013



56.8252, 60.5695, 43.5204



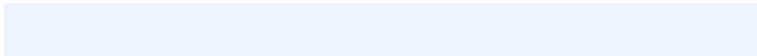
50.5483, 60.5695, 52.2170

Sweetspot

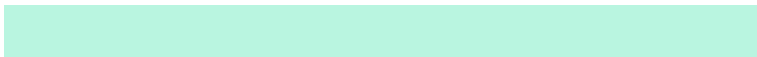
The Sweet Spot groups the original color and five complimentary colors.



58.3222, 60.5719, 95.0049



85.1059, 89.4118, 107.3804



66.1158, 81.0021, 82.6726



18.0409, 18.9501, 22.9568



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.



58.3222, 60.5719, 95.0049



59.1175, 61.0493, 103.2756



56.0799, 52.7614, 93.6155



16.0325, 16.8293, 20.9459



10.6046, 7.0029, 47.3308



1.0227, 0.7968, 4.1901

Inverse Universe

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



66.0261, 58.5198, 65.5758



68.8785, 58.7699, 65.9166



76.0026, 86.6416, 58.6182



16.7270, 16.5736, 18.3089



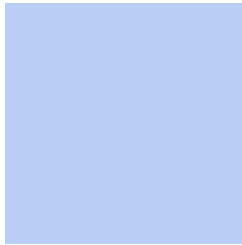
21.1572, 10.8063, 5.5362



1.9053, 0.9681, 0.7275

Previews

White Background



This preview shows how the XYZ color 58.3203, 60.5695, 95.0035 looks on a white background.

Color Contrast Check

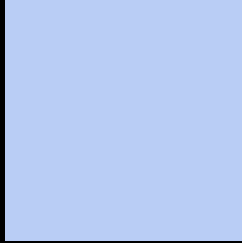
Large Text (above 18pt) WCAG AA × Fail

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 58.3203, 60.5695, 95.0035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

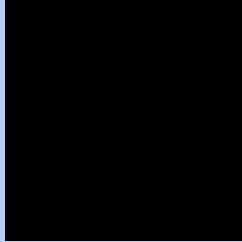
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.3203, 60.5695, 95.0035

Background



This preview shows how black text looks on a background with the XYZ color 58.3203, 60.5695, 95.0035.



This preview shows how white text looks on a background with the XYZ color 58.3203, 60.5695,

95.0035.

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

58.3203, 60.5695, 95.0035

Protanopia

60.0631, 60.4479, 93.2960

Deuteranopia

61.9174, 60.6589, 95.6337



Tritanopia

55.2025, 60.3718, 79.9776

Trichromacy



Original Color

58.3203, 60.5695, 95.0035

Protanomaly

59.4233, 60.4500, 94.1240

Deuteranomaly

60.5200, 60.6306, 95.7019

Tritanomaly

56.1697, 60.3969, 85.0412

Monochromacy



Original Color

58.3203, 60.5695, 95.0035

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.4050, 60.1705, 75.6063

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3203, 60.5695, 95.0035 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(185, 205, 245)` looks like.

```
.text, #text, p{  
    color:rgb(185, 205, 245)  
}
```

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(185, 205, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 205, 245) }
```

Border

The CSS property to change the border of an element to XYZ 58.3203, 60.5695, 95.0035 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(185, 205, 245) }
```


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

```
.border{ border-color:rgb(185, 205, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 205, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 205, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 205, 245);  
box-shadow:4px 4px 4px 4px rgb(185, 205,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3203, 60.5695, 95.0035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 205, 245) }
```

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

```
.background{ background-color: rgb(185,  
205, 245) }
```

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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