

Converting Colors

XYZ(61.3782, 63.1722, 93.1603)

Have a look what the booklet for
XYZ(61.3782, 63.1722, 93.1603)
contains.

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Color

**XYZ(61.3478, 63.2583,
92.9811)**

Conversions

Conversions Part 1

Format	Color
Hex	C4D0F2
RGB	196, 208, 242
RGB Percent	77%, 82%, 95%
CMY	0.2314, 0.1843, 0.0510
CMYK	0.19, 0.14, 0.00, 0.05
HSL	224°, 64%, 86%
HSV	224°, 19%, 95%
XYZ	61.3478, 63.2583, 92.9811
YIQ	208.2880, -18.0660, 8.0300

Conversions

Conversions Part 2

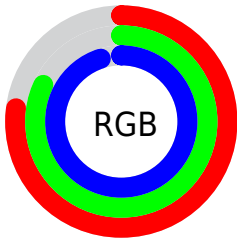
Format	Color
R _{YB}	196, 206, 242
Decimal	12898546
CIE Lab	83.58, 2.89, -18.06
CIE LCh	84, 18.290, 279.091
Yxy	63.2583, 0.2819, 0.2907
Android (android.graphics.Color)	4291088626 (0xFFC4D0F2)
YUV	208.2880, 16.6200, -10.7766
Hunter-Lab	79.5351, -1.5040, -13.6389

Details

The XYZ color **61.3478, 63.2583, 92.9811** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **74.8791, 79.4563, 63.6160**, and the grayscale version is **60.0465, 63.1736, 68.7960**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **31.5739, 32.4072, 51.0455** is the 20% darker color. If you saturate the color by 10%, you get **51.4363, 52.0375, 91.3387**, and if you desaturate by 10%, it is **72.7703, 75.9912, 94.8378**.

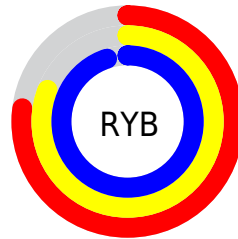
Distribution



Red (77%)

Green (82%)

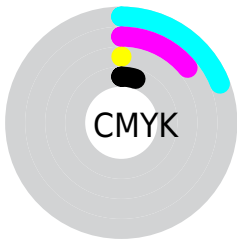
Blue (95%)



Red (77%)

Yellow (81%)

Blue (95%)

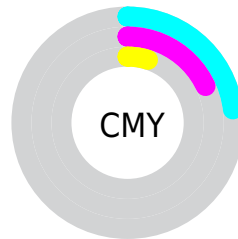


Cyan (19%)

Magenta (14%)

Yellow (0%)

Black (5%)



Cyan (23%)

Magenta (18%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.3478, 63.2583, 92.9811 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 61.3478, 63.2583, 92.9811 by changing the saturation by 10% instead.

■ 61.3478, 63.2583,
92.9811

■ 61.3478, 63.2583,
92.9811

419.3037,
436.5063, 558.4997

■ 44.7595, 46.0502,
69.8682

105.8776,
109.5421, 153.4439

■ 31.4685, 32.2854,
50.9430

134.5499,
139.3865, 191.6309

■ 21.1094, 21.5796,
35.7868

167.9808,
174.2119, 235.6798

■ 13.3169, 13.5483,
23.9812

206.5359,
214.4026, 286.0089

■ 7.7257, 7.8072,
15.1076

250.5803,
260.3430, 343.0369

■ 3.9702, 3.9718,
8.7475

300.4795,

■ 1.6853, 1.6578,

312.4175, 407.1824

4.4823

356.5988,
371.0104, 478.8638

■ 0.4470, 0.3961,
1.8935

■ 0.0000, 0.0000,
0.4886

■ 61.3478, 63.2583,
92.9811

■ 61.3478, 63.2583,
92.9811

■ 51.4363, 52.0375,
91.3387

■ 72.7703, 75.9912,
94.8378

■ 42.9650, 42.2635,
89.8986

■ 85.7587, 90.2828,
96.9118

■ 35.8662, 33.8775,
88.6541

■ 93.0272, 99.1909,
98.2481

■ 30.0641, 26.8134,
87.5964

■ 25.4754, 20.9996,
86.7161

■ 22.0061, 16.3567,
86.0028

■ 19.5470, 12.7950,
85.4449

■ 17.9429, 10.1976,
85.0281

■ 17.8127, 9.9818,
84.9933

Harmonies

Analogous

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



57.4235, 63.2583, 91.5556



61.3478, 63.2583, 92.9811



65.1032, 63.2583, 87.4147

Triad

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



61.3478, 63.2583, 92.9811



66.2904, 63.2583, 55.9085



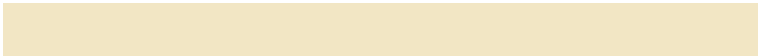
53.2269, 63.2583, 61.3163

Complementary

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



61.3478, 63.2583, 92.9811



74.8791, 79.4563, 63.6160

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.



55.4075, 63.2583, 53.1658



61.3478, 63.2583, 92.9811



62.9102, 63.2583, 50.2924

Square

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



61.3478, 63.2583, 92.9811



68.0388, 63.2583, 65.4576



58.9188, 63.2583, 49.3472



52.8501, 63.2583, 72.4146

Rectangle

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



61.3478, 63.2583, 92.9811



66.9640, 63.2583, 80.8153



58.9188, 63.2583, 49.3472



53.7685, 63.2583, 58.1774

Sweetspot

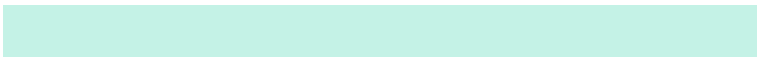
The Sweet Spot groups the original color and five complimentary colors.



61.3497, 63.2609, 92.9825



86.1415, 90.2090, 107.4797



68.7638, 80.9394, 86.6665



18.2387, 19.0887, 22.9731



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.



61.3497, 63.2609, 92.9825



64.3629, 65.9164, 103.9386



61.4260, 59.1191, 92.1791



15.2326, 15.8993, 19.9876



9.6629, 5.5501, 45.6899



0.8820, 0.6180, 3.8270

Inverse Universe

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



67.7446, 62.9127, 68.2502



72.8989, 65.6339, 70.8845



74.7582, 84.5243, 64.6006



15.9421, 15.8265, 17.2512



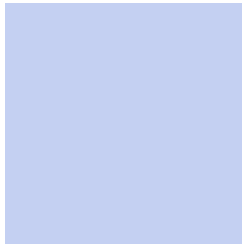
20.2030, 10.3536, 3.7197



1.7201, 0.8771, 0.5172

Previews

White Background



This preview shows how the XYZ color 61.3478, 63.2583, 92.9811 looks on a white background.

Color Contrast Check

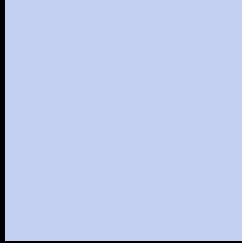
Large Text (above 18pt) WCAG AA × Fail

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 61.3478, 63.2583, 92.9811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

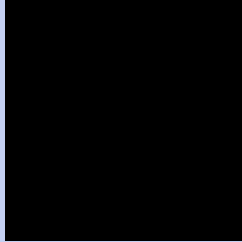
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.3478, 63.2583, 92.9811

Background



This preview shows how black text looks on a background with the XYZ color 61.3478, 63.2583, 92.9811.



This preview shows how white text looks on a background with the XYZ color 61.3478, 63.2583,

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

61.3478, 63.2583, 92.9811

Protanopia

62.3056, 63.0500, 92.1051

Deuteranopia

64.3976, 63.0318, 93.5663



Tritanopia

59.1517, 63.4720, 81.8067

Trichromacy



Original Color

61.3478, 63.2583, 92.9811

Protanomaly

62.0094, 63.2559, 92.1604

Deuteranomaly

63.4626, 63.2555, 93.6587

Tritanomaly

59.8602, 63.3887, 85.4242

Monochromacy



Original Color

61.3478, 63.2583, 92.9811

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

60.3760, 63.1164, 76.7107

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3478, 63.2583, 92.9811 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(196, 208, 242)` looks like.

```
.text, #text, p{  
    color:rgb(196, 208, 242)  
}
```

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(196, 208, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 208, 242) }
```

Border

The CSS property to change the border of an element to XYZ 61.3478, 63.2583, 92.9811 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(196, 208, 242) }
```


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

```
.border{ border-color:rgb(196, 208, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 208, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 208, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 208, 242);  
box-shadow:4px 4px 4px 4px rgb(196, 208,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3478, 63.2583, 92.9811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 208, 242) }
```

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

```
.background{ background-color: rgb(196,  
208, 242) }
```

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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