

Converting Colors

XYZ(61.0717, 61.3752, 98.2524)

Have a look what the booklet for
XYZ(61.0717, 61.3752, 98.2524)
contains.

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Color

**XYZ(60.9605, 61.1535,
98.2134)**

Conversions

Conversions Part 1

Format	Color
Hex	C3CBF9
RGB	195, 203, 249
RGB Percent	76%, 80%, 98%
CMY	0.2353, 0.2039, 0.0235
CMYK	0.22, 0.18, 0.00, 0.02
HSL	231°, 82%, 87%
HSV	231°, 22%, 98%
XYZ	60.9605, 61.1535, 98.2134
YIQ	205.8520, -19.5340, 12.6100

Conversions

Conversions Part 2

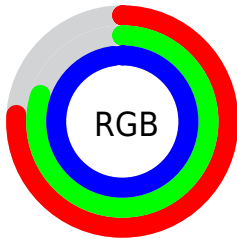
Format	Color
R _{YB}	195, 202, 249
Decimal	12831737
CIE Lab	82.46, 6.79, -23.48
CIE LCh	82, 24.444, 286.135
Yxy	61.1535, 0.2767, 0.2776
Android (android.graphics.Color)	4291021817 (0xFFC3CBF9)
YUV	205.8520, 21.2720, -9.5172
Hunter-Lab	78.2007, 2.2965, -19.7227

Details

The XYZ color **60.9605, 61.1535, 98.2134** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.3733, 86.9908, 64.1862**, and the grayscale version is **58.4504, 61.4943, 66.9673**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **31.2464, 30.9634, 54.1988** is the 20% darker color. If you saturate the color by 10%, you get **50.3846, 48.7686, 96.3813**, and if you desaturate by 10%, it is **73.2983, 75.4669, 100.3269**.

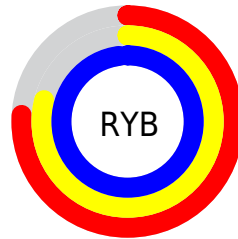
Distribution



Red (76%)

Green (80%)

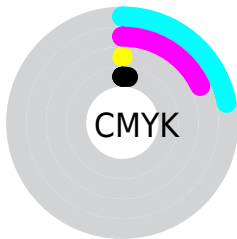
Blue (98%)



Red (76%)

Yellow (79%)

Blue (98%)

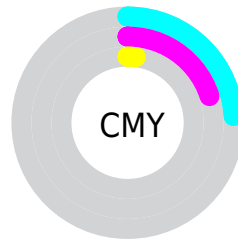


Cyan (22%)

Magenta (18%)

Yellow (0%)

Black (2%)



Cyan (24%)

Magenta (20%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.9605, 61.1535, 98.2134 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 60.9605, 61.1535, 98.2134 by changing the saturation by 10% instead.

60.9605, 61.1535,
98.2134

60.9605, 61.1535,
98.2134

417.9074,
428.8366, 575.6470

44.4457, 44.3491,
74.2008

105.3202,
106.5012, 160.7302

31.2205, 30.9450,
54.4606

133.8958,
135.8132, 200.0715

20.9194, 20.5570,
38.5743

167.2224,
170.0632, 245.3594

13.1773, 12.8006,
26.1235

205.6653,
209.6355, 297.0124

7.6286, 7.2914,
16.6894

249.5899,
254.9147, 355.4491

3.9080, 3.6450,
9.8537

299.3615,

1.6502, 1.4770,

306.2849, 421.0881

5.1977

355.3456,
364.1308, 494.3479

■ 0.4248, 0.2725,
2.3030

■ 0.0000, 0.0000,
0.7329

■ 60.9605, 61.1535,
98.2134

■ 60.9605, 61.1535,
98.2134

■ 50.3846, 48.7686,
96.3813

■ 73.2983, 75.4669,
100.3269

■ 41.4840, 38.2221,
94.8147

■ 87.4678, 91.7791,
102.7287

■ 34.1735, 29.4277,
93.5026

■ 94.0991, 99.6196,
103.8925

■ 28.3579, 22.2893,
92.4312

■ 23.9315, 16.7010,
91.5858

■ 20.7746, 12.5446,
90.9500

■ 18.7461, 9.6838,
90.5047

■ 17.7574, 8.1563,
90.2620

Harmonies

Analogous

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



55.7510, 61.1535, 98.5961



60.9605, 61.1535, 98.2134



65.6703, 61.1535, 88.5721

Triad

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



60.9605, 61.1535, 98.2134



65.3655, 61.1535, 47.9268



48.9091, 61.1535, 59.9283

Complementary

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



60.9605, 61.1535, 98.2134



80.3733, 86.9908, 64.1862

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.



51.1802, 61.1535, 48.5769



60.9605, 61.1535, 98.2134



60.5646, 61.1535, 42.3828

Square

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



60.9605, 61.1535, 98.2134



68.3157, 61.1535, 58.9081



55.3780, 61.1535, 42.6015



49.0010, 61.1535, 74.9032

Rectangle

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



60.9605, 61.1535, 98.2134



67.8013, 61.1535, 78.9137



55.3780, 61.1535, 42.6015



49.4154, 61.1535, 55.6136

Sweetspot

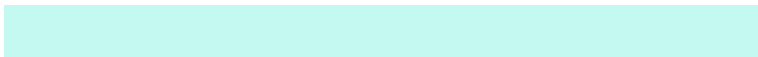
The Sweet Spot groups the original color and five complimentary colors.



60.9624, 61.1560, 98.2148



84.1249, 87.4499, 107.0534



72.2450, 85.6996, 95.8759



17.8143, 18.4969, 22.8813



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.



60.9624, 61.1560, 98.2148



59.2760, 58.6287, 102.8000



64.3179, 60.1526, 97.8443



16.4906, 17.0579, 21.8087



9.5671, 4.4898, 48.3359



0.9461, 0.5359, 4.4968

Inverse Universe

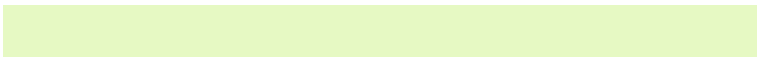
The Inverse Universe completely reimagines the original color for something new.



69.3631, 63.4835, 65.1002



69.6268, 61.6277, 61.9692



76.3925, 88.5323, 64.6936



17.3494, 17.2671, 18.4297



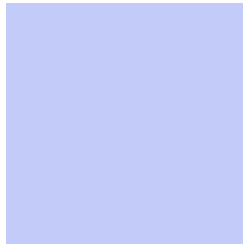
21.1211, 10.8641, 2.0800



1.9865, 1.0183, 0.3523

Previews

White Background



This preview shows how the XYZ color 60.9605, 61.1535, 98.2134 looks on a white background.

Color Contrast Check

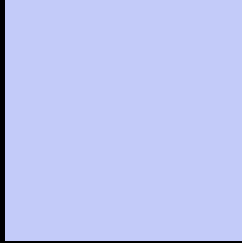
Large Text (above 18pt) WCAG AA × Fail

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 60.9605, 61.1535, 98.2134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

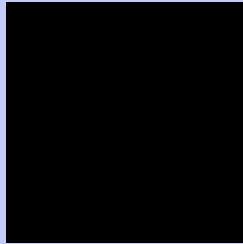
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.9605, 61.1535, 98.2134

Background



This preview shows how black text looks on a background with the XYZ color 60.9605, 61.1535, 98.2134.



This preview shows how white text looks on a background with the XYZ color 60.9605, 61.1535,

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

60.9605, 61.1535, 98.2134

Protanopia

60.9605, 61.1535, 98.2134

Deuteranopia

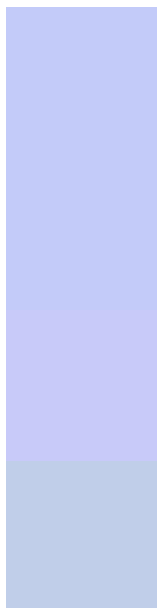
62.6141, 61.3094, 98.1563



Tritanopia

57.0026, 60.9546, 79.2821

Trichromacy



Original Color

60.9605, 61.1535, 98.2134

Protanomaly

60.9605, 61.1535, 98.2134

Deuteranomaly

62.0388, 61.3600, 98.1964

Tritanomaly

58.5175, 61.2323, 85.8256

Monochromacy



Original Color

60.9605, 61.1535, 98.2134

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

59.3733, 61.4931, 77.8473

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9605, 61.1535, 98.2134 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(195, 203, 249)` looks like.

```
.text, #text, p{  
    color:rgb(195, 203, 249)  
}
```

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(195, 203, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 203, 249) }
```

Border

The CSS property to change the border of an element to XYZ 60.9605, 61.1535, 98.2134 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(195, 203, 249) }
```


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

```
.border{ border-color:rgb(195, 203, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 203, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 203, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 203, 249);  
box-shadow:4px 4px 4px 4px rgb(195, 203,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9605, 61.1535, 98.2134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 203, 249) }
```

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

```
.background{ background-color: rgb(195,  
203, 249) }
```

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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