

Converting Colors

XYZ(61.3834, 59.3444, 96.2151)

Have a look what the booklet for
XYZ(61.3834, 59.3444, 96.2151)
contains.

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Color

**XYZ(61.3834, 59.3444,
96.2151)**

Conversions

Conversions Part 1

Format	Color
Hex	CBC5F7
RGB	203, 197, 247
RGB Percent	80%, 77%, 97%
CMY	0.2039, 0.2274, 0.0314
CMYK	0.18, 0.20, 0.00, 0.03
HSL	247°, 76%, 87%
HSV	247°, 20%, 97%
XYZ	61.3834, 59.3444, 96.2151
YIQ	204.4940, -12.4740, 16.8220

Conversions

Conversions Part 2

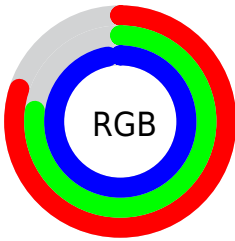
Format	Color
RYB	203, 197, 247
Decimal	13354487
CIELab	81.48, 12.01, -23.85
CIELCh	81, 26.707, 296.735
Yxy	59.3444, 0.2829, 0.2735
Android (android.graphics.Color)	4291544567 (0xFFCBC5F7)
YUV	204.4940, 20.9555, -1.3102
Hunter-Lab	77.0353, 7.4208, -20.1269

Details

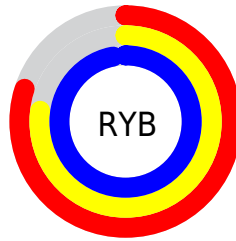
The XYZ color **61.3834, 59.3444, 96.2151** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.6163, 89.2550, 65.8576**, and the grayscale version is **57.5857, 60.5847, 65.9767**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **31.4392, 29.7024, 53.3663** is the 20% darker color. If you saturate the color by 10%, you get **50.7177, 46.1924, 94.2396**, and if you desaturate by 10%, it is **73.8017, 74.7669, 98.5384**.

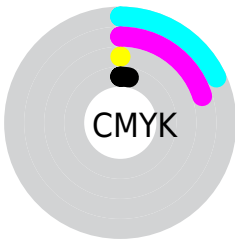
Distribution



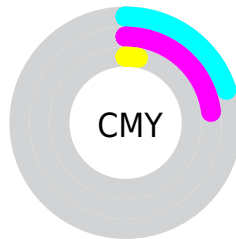
- Red (80%)
- Green (77%)
- Blue (97%)



- Red (80%)
- Yellow (77%)
- Blue (97%)



- Cyan (18%)
- Magenta (20%)
- Yellow (0%)
- Black (3%)



- Cyan (20%)
- Magenta (23%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.3834, 59.3444, 96.2151 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 61.3834, 59.3444, 96.2151 by changing the saturation by 10% instead.

61.3834, 59.3444,
96.2151

61.3834, 59.3444,
96.2151

419.4319,
422.1770, 569.1311

44.7884, 42.8904,
72.5443

105.9288,
103.8780, 157.9522

31.4913, 29.7991,
53.1138

134.6100,
132.7265, 196.8556

21.1269, 19.6862,
37.5053

168.0505,
166.4752, 241.6736

13.3298, 12.1671,
25.3001

206.6158,
205.5087, 292.8247

7.7346, 6.8576,
16.0797

250.6713,
250.2112, 350.7274

3.9760, 3.3732,
9.4256

300.5822,

1.6885, 1.3295,

300.9671, 415.8004

4.9192

356.7139,
358.1609, 488.4621

■ 0.4491, 0.1639,
2.1420

■ 0.0000, 0.0000,
0.6406

■ 61.3834, 59.3444,
96.2151

■ 61.3834, 59.3444,
96.2151

■ 50.7177, 46.1924,
94.2396

■ 73.8017, 74.7669,
98.5384

■ 41.7199, 35.1964,
92.5914

■ 88.0409, 92.5524,
101.2209

■ 34.3067, 26.2432,
91.2540

■ 93.7887, 99.4955,
102.2581

■ 28.3854, 19.2059,
90.2077

■ 23.8534, 13.9436,
89.4309

■ 20.5949, 10.2959,
88.8985

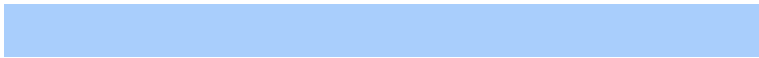
■ 18.4749, 8.0728,
88.5812

■ 17.3135, 6.9860,
88.4326

Harmonies

Analogous

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



55.7948, 59.3444, 100.5063



61.3834, 59.3444, 96.2151



65.8848, 59.3444, 83.0272

Triad

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



61.3834, 59.3444, 96.2151



62.5127, 59.3444, 42.1304



46.3339, 59.3444, 62.8776

Complementary

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



61.3834, 59.3444, 96.2151



79.6163, 89.2550, 65.8576

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.



47.8813, 59.3444, 49.1500



61.3834, 59.3444, 96.2151



57.0198, 59.3444, 38.4835

Square

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



61.3834, 59.3444, 96.2151



66.5665, 59.3444, 51.7255



51.7035, 59.3444, 40.8252



47.3342, 59.3444, 79.4877

Rectangle

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



61.3834, 59.3444, 96.2151



67.5348, 59.3444, 71.9446



51.7035, 59.3444, 40.8252



46.5707, 59.3444, 57.8027

Sweetspot

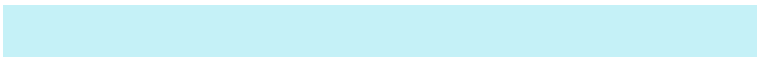
The Sweet Spot groups the original color and five complimentary colors.



61.3853, 59.3468, 96.2164



85.5806, 88.1589, 107.1135



71.3209, 81.5966, 99.9874



18.1065, 18.6059, 22.8869



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.



61.3853, 59.3468, 96.2164



61.4230, 58.1519, 102.5948



68.6987, 63.1171, 96.5587



15.7658, 16.0219, 20.8042



9.2172, 3.7259, 46.7714



0.8684, 0.3576, 4.1135

Inverse Universe

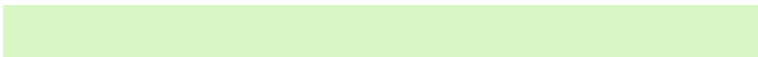
The Inverse Universe completely reimagines the original color for something new.



74.2031, 66.0599, 92.0612



77.3775, 66.5107, 97.2882



71.7088, 85.1785, 65.4876



17.1230, 16.7321, 20.3943



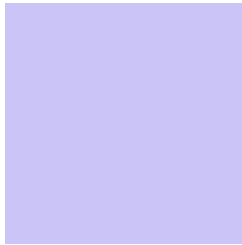
26.9704, 13.1316, 36.1483



2.3941, 1.1636, 3.3018

Previews

White Background



This preview shows how the XYZ color 61.3834, 59.3444, 96.2151 looks on a white background.

Color Contrast Check

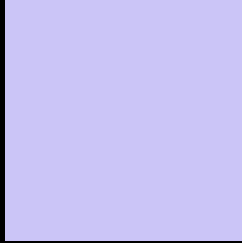
Large Text (above 18pt) WCAG AA × Fail

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 61.3834, 59.3444, 96.2151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

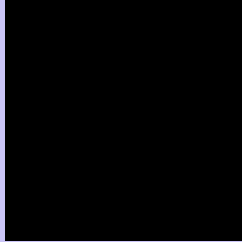
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.3834, 59.3444, 96.2151

Background



This preview shows how black text looks on a background with the XYZ color 61.3834, 59.3444, 96.2151.

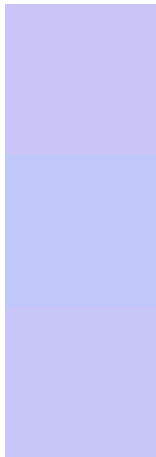


This preview shows how white text looks on a background with the XYZ color 61.3834, 59.3444,

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

61.3834, 59.3444, 96.2151

Protanopia

59.2390, 59.2245, 97.9318

Deuteranopia

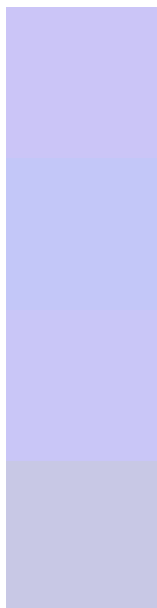
60.8020, 59.3829, 96.2531



Tritanopia

57.0641, 59.3088, 74.7698

Trichromacy



Original Color

61.3834, 59.3444, 96.2151

Protanomaly

59.8724, 59.2263, 97.0831

Deuteranomaly

61.0700, 59.5211, 96.2657

Tritanomaly

58.6166, 59.2451, 82.4748

Monochromacy



Original Color

61.3834, 59.3444, 96.2151

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

58.7068, 59.7780, 76.1543

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3834, 59.3444, 96.2151 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(203, 197, 247)` looks like.

```
.text, #text, p{  
    color:rgb(203, 197, 247)  
}
```

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(203, 197, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 197, 247) }
```

Border

The CSS property to change the border of an element to XYZ 61.3834, 59.3444, 96.2151 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(203, 197, 247) }
```


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

```
.border{ border-color:rgb(203, 197, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 197, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 197, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 197, 247);  
box-shadow:4px 4px 4px 4px rgb(203, 197,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3834, 59.3444, 96.2151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 197, 247) }
```

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

```
.background{ background-color: rgb(203,  
197, 247) }
```

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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