

Converting Colors

XYZ(60.3384, 58.1910, 93.2534)

Have a look what the booklet for
XYZ(60.3384, 58.1910, 93.2534)
contains.

| | |
|--|----|
| XYZ(60.4728, 58.2584, 93.6457) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(60.4728, 58.2584,
93.6457)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | CBC3F4 |
| RGB | 203, 195, 244 |
| RGB Percent | 80%, 76%, 96% |
| CMY | 0.2039, 0.2353, 0.0431 |
| CMYK | 0.17, 0.20, 0.00, 0.04 |
| HSL | 250°, 69%, 86% |
| HSV | 250°, 20%, 96% |
| XYZ | 60.4728, 58.2584, 93.6457 |
| YIQ | 202.9780, -10.9610, 16.9350 |

Conversions

Conversions Part 2

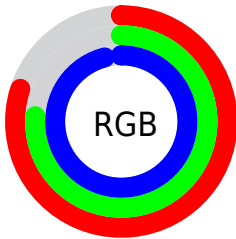
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 203, 195, 244 |
| Decimal | 13353972 |
| CIE _{Lab} | 80.88, 12.45, -23.16 |
| CIE _{LCh} | 81, 26.292, 298.253 |
| Y _{xy} | 58.2584, 0.2847, 0.2743 |
| Android (android.graphics.Color) | 4291544052 (0xFFCBC3F4) |
| YUV | 202.9780, 20.2238, 0.0193 |
| Hunter-Lab | 76.3272, 7.8501, -19.3138 |

Details

The XYZ color **60.4728, 58.2584, 93.6457** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **76.7952, 86.4759, 64.2764**, and the grayscale version is **56.6345, 59.5839, 64.8868**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **30.8147, 28.9765, 51.5459** is the 20% darker color. If you saturate the color by 10%, you get **50.2474, 45.5248, 91.7277**, and if you desaturate by 10%, it is **72.3274, 73.1609, 95.8983**.

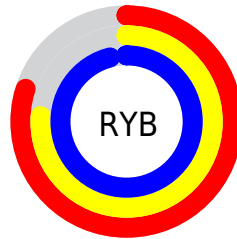
Distribution



Red (80%)

Green (76%)

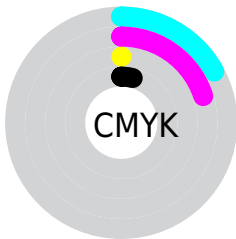
Blue (96%)



Red (80%)

Yellow (76%)

Blue (96%)

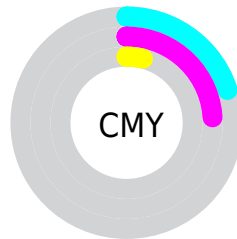


Cyan (17%)

Magenta (20%)

Yellow (0%)

Black (4%)



Cyan (20%)

Magenta (24%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.4728, 58.2584, 93.6457 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 60.4728, 58.2584, 93.6457 by changing the saturation by 10% instead.

60.4728, 58.2584,
93.6457

60.4728, 58.2584,
93.6457

416.1452,
418.1481, 560.6934

44.0508, 42.0164,
70.4177

104.6177,
102.2991, 154.3717

30.9085, 29.1142,
51.3882

133.0712,
130.8665, 192.7067

20.6807, 19.1672,
36.1388

166.2659,
164.3113, 236.9145

13.0019, 11.7911,
24.2508

204.5672,
203.0177, 287.4135

7.5069, 6.6016,
15.3059

248.3405,
247.3702, 344.6224

3.8302, 3.2142,
8.8853

297.9509,

1.6065, 1.2446,

297.7532, 408.9597

4.5707

353.7641,
354.5510, 480.8438

■ 0.3967, 0.0977,
1.9434

■ 0.0000, 0.0000,
0.5201

■ 60.4728, 58.2584,
93.6457

■ 60.4728, 58.2584,
93.6457

■ 50.2474, 45.5248,
91.7277

■ 72.3274, 73.1609,
95.8983

■ 41.5741, 34.8515,
90.1247

■ 85.8729, 90.3196,
98.4963

■ 34.3773, 26.1315,
88.8209

■ 93.3293, 99.3117,
99.8390

■ 28.5733, 19.2450,
87.7976

■ 24.0695, 14.0592,
87.0340

■ 20.7616, 10.4226,
86.5064

■ 18.5285, 8.1566,
86.1867

■ 17.1977, 6.9794,
86.0296

Harmonies

Analogous

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



55.0547, 58.2584, 98.3304



60.4728, 58.2584, 93.6457



64.7516, 58.2584, 80.5353

Triad

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



60.4728, 58.2584, 93.6457



61.0603, 58.2584, 41.2189



45.5629, 58.2584, 62.5248

Complementary

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



60.4728, 58.2584, 93.6457



76.7952, 86.4759, 64.2764

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.



46.9465, 58.2584, 48.9423



60.4728, 58.2584, 93.6457



55.6923, 58.2584, 37.9573

Square

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



60.4728, 58.2584, 93.6457



65.1061, 58.2584, 50.2847



50.5680, 58.2584, 40.5378



46.6615, 58.2584, 78.6953

Rectangle

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



60.4728, 58.2584, 93.6457



66.2569, 58.2584, 69.7291



50.5680, 58.2584, 40.5378



45.7513, 58.2584, 57.5287

Sweetspot

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



60.4746, 58.2608, 93.6470



85.8076, 88.2759, 107.1241



69.0196, 78.5013, 97.1035



18.1599, 18.6334, 22.8894



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.



60.4746, 58.2608, 93.6470



62.1415, 58.5222, 102.6285



67.4775, 61.8709, 93.9747



15.8331, 16.0566, 20.8073



9.4256, 3.8334, 46.7812



0.9002, 0.3739, 4.1150

Inverse Universe

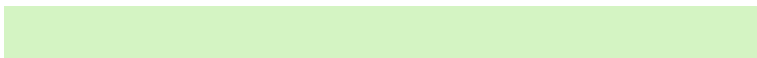
The Inverse Universe completely reimagines the original color for something new.



71.9656, 64.3219, 87.9820



76.9703, 66.3478, 95.1442



69.3975, 82.6623, 63.9302



17.0906, 16.7191, 20.2239



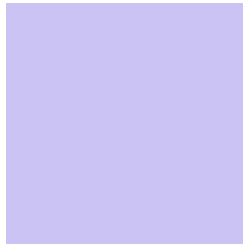
26.2671, 12.8503, 32.4443



2.3390, 1.1415, 3.0113

Previews

White Background



This preview shows how the XYZ color 60.4728, 58.2584, 93.6457 looks on a white background.

Color Contrast Check

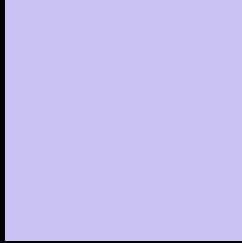
Large Text (above 18pt) WCAG AA × Fail

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 60.4728, 58.2584, 93.6457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

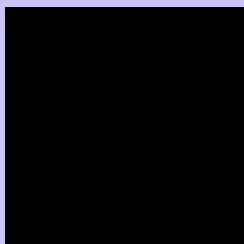
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.4728, 58.2584, 93.6457

Background



This preview shows how black text looks on a background with the XYZ color 60.4728, 58.2584, 93.6457.



This preview shows how white text looks on a background with the XYZ color 60.4728, 58.2584,

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

60.4728, 58.2584, 93.6457

Protanopia

58.4471, 58.5094, 96.2086

Deuteranopia

59.6222, 58.1536, 93.6703



Tritanopia

56.3376, 58.2722, 73.2441

Trichromacy



Original Color

60.4728, 58.2584, 93.6457

Protanomaly

59.3343, 58.6441, 95.3810

Deuteranomaly

59.8885, 58.2909, 93.6828

Tritanomaly

57.7410, 58.1585, 80.1339

Monochromacy



Original Color

60.4728, 58.2584, 93.6457

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.9378, 59.0670, 74.6771

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4728, 58.2584, 93.6457 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, 195, 244)` looks like.

```
.text, #text, p{  
    color:rgb(203, 195, 244)  
}
```

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, 195, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 195, 244) }
```

Border

The CSS property to change the border of an element to XYZ 60.4728, 58.2584, 93.6457 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, 195, 244) }
```


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

```
.border{ border-color:rgb(203, 195, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 195, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 195, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 195, 244);  
box-shadow:4px 4px 4px 4px rgb(203, 195,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4728, 58.2584, 93.6457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 195, 244) }
```

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

```
.background{ background-color: rgb(203,  
195, 244) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor