

Converting Colors

XYZ(59.5690, 57.5736, 97.8957)

Have a look what the booklet for
XYZ(59.5690, 57.5736, 97.8957)
contains.

XYZ(59.6399, 57.7401, 97.6241)	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(59.6399, 57.7401,
97.6241)**

Conversions

Conversions Part 1

Format	Color
Hex	C5C3F9
RGB	197, 195, 249
RGB Percent	77%, 76%, 98%
CMY	0.2274, 0.2353, 0.0235
CMYK	0.21, 0.22, 0.00, 0.02
HSL	242°, 82%, 87%
HSV	242°, 22%, 98%
XYZ	59.6399, 57.7401, 97.6241
YIQ	201.7540, -16.1420, 17.2180

Conversions

Conversions Part 2

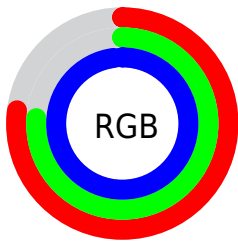
Format	Color
RYB	197, 195, 249
Decimal	12960761
CIELab	80.59, 11.70, -26.31
CIElCh	81, 28.798, 293.981
Yxy	57.7401, 0.2774, 0.2686
Android (android.graphics.Color)	4291150841 (0xFFC5C3F9)
YUV	201.7540, 23.2923, -4.1693
Hunter-Lab	75.9869, 7.1223, -22.9819

Details

The XYZ color **59.6399, 57.7401, 97.6241** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.0857, 91.4671, 64.9609**, and the grayscale version is **55.8540, 58.7627, 63.9926**.

A 20% lighter version of the original color is **93.7335, 97.9116, 108.5663**, and **30.1946, 28.6063, 53.7993** is the 20% darker color. If you saturate the color by 10%, you get **48.7322, 44.5151, 95.6473**, and if you desaturate by 10%, it is **72.4803, 73.3451, 99.9604**.

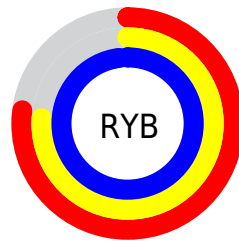
Distribution



Red (77%)

Green (76%)

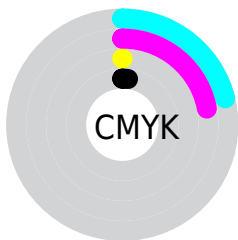
Blue (98%)



Red (77%)

Yellow (76%)

Blue (98%)

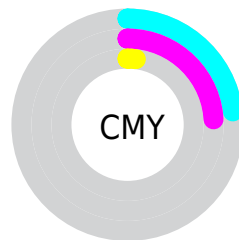


Cyan (21%)

Magenta (22%)

Yellow (0%)

Black (2%)



Cyan (23%)

Magenta (24%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.6399, 57.7401, 97.6241 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 59.6399, 57.7401, 97.6241 by changing the saturation by 10% instead.

■ 59.6399, 57.7401,
97.6241

■ 59.6399, 57.7401,
97.6241

413.1252,
416.2168, 573.7296

■ 43.3768, 41.5997,
73.7120

■ 103.4164,
101.5443, 159.9116

■ 30.3767, 28.7880,
54.0630

131.6606,
129.9769, 199.1241

■ 20.2742, 18.9205,
38.2585

164.6291,
163.2757, 244.2738

■ 12.7039, 11.6129,
25.8800

202.6874,
201.8252, 295.7793

■ 7.3006, 6.4806,
16.5089

246.2008,
246.0096, 354.0591

■ 3.6988, 3.1395,
9.7268

295.5347,

■ 1.5332, 1.2050,

296.2134, 419.5317

5.1149

351.0544,
352.8210, 492.6157

■ 0.3482, 0.0658,
2.2549

■ 0.0000, 0.0000,
0.7058

■ 59.6399, 57.7401,
97.6241

■ 59.6399, 57.7401,
97.6241

■ 48.7322, 44.5151,
95.6473

■ 72.4803, 73.3451,
99.9604

■ 39.6583, 33.5467,
94.0084

■ 87.3346, 91.4315,
102.6685

■ 32.3193, 24.7108,
92.6897

■ 94.0991, 99.6196,
103.8924

■ 26.6044, 17.8688,
91.6703

■ 22.3902, 12.8656,
90.9267

■ 19.5357, 9.5232,
90.4320

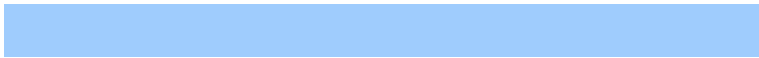
■ 17.8728, 7.6285,
90.1539

■ 17.2144, 6.8991,
90.0478

Harmonies

Analogous

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



53.6947, 57.7401, 101.2007



59.6399, 57.7401, 97.6241



64.6159, 57.7401, 84.0646

Triad

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



59.6399, 57.7401, 97.6241



61.8531, 57.7401, 40.0077



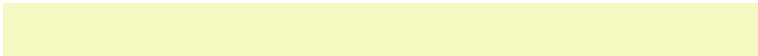
44.3163, 57.7401, 59.5107

Complementary

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



59.6399, 57.7401, 97.6241



82.0857, 91.4671, 64.9609

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.



46.1752, 57.7401, 45.5743



59.6399, 57.7401, 97.6241



56.0831, 57.7401, 35.6928

Square

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



59.6399, 57.7401, 97.6241



65.9566, 57.7401, 50.5237



50.3808, 57.7401, 37.5303



45.1190, 57.7401, 77.0778

Rectangle

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



59.6399, 57.7401, 97.6241



66.5697, 57.7401, 72.3058



50.3808, 57.7401, 37.5303



44.6461, 57.7401, 54.2915

Sweetspot

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



59.6417, 57.7424, 97.6254



83.5739, 86.0196, 106.8064



72.9282, 85.0870, 102.2032



17.6872, 18.1670, 22.8243



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.



59.6417, 57.7424, 97.6254



57.7076, 54.5825, 102.1017



67.2945, 61.6876, 97.9836



16.3424, 16.6736, 21.7423



9.2402, 3.7062, 48.2019



0.8761, 0.3537, 4.4653

Inverse Universe

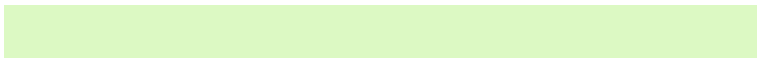
The Inverse Universe completely reimagines the original color for something new.



75.3724, 65.8877, 96.7432



77.0306, 64.5892, 100.9573



73.3035, 86.9397, 64.5499



17.9637, 17.5128, 21.6644



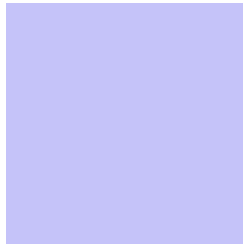
29.3262, 14.1462, 45.2878



2.7245, 1.3136, 4.2388

Previews

White Background



This preview shows how the XYZ color 59.6399, 57.7401, 97.6241 looks on a white background.

Color Contrast Check

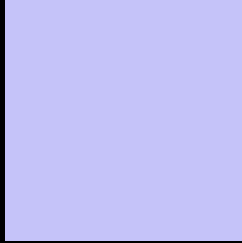
Large Text (above 18pt) WCAG AA × Fail

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 59.6399, 57.7401, 97.6241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

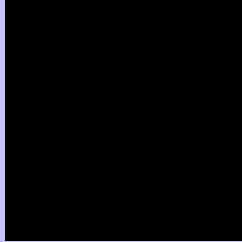
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.6399, 57.7401, 97.6241

Background



This preview shows how black text looks on a background with the XYZ color 59.6399, 57.7401, 97.6241.

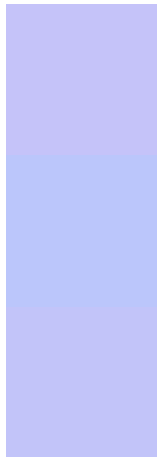


This preview shows how white text looks on a background with the XYZ color 59.6399, 57.7401,

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

59.6399, 57.7401, 97.6241

Protanopia

58.1002, 57.9180, 99.3839

Deuteranopia

59.0869, 57.7887, 97.6627



Tritanopia

54.8969, 57.8594, 73.9202

Trichromacy



Original Color

59.6399, 57.7401, 97.6241

Protanomaly

58.7074, 57.9110, 98.5262

Deuteranomaly

59.3445, 57.9215, 97.6747

Tritanomaly

56.5586, 57.8414, 82.3123

Monochromacy



Original Color

59.6399, 57.7401, 97.6241

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.0290, 58.2407, 75.2537

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6399, 57.7401, 97.6241 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(197, 195, 249)` looks like.

```
.text, #text, p{  
    color:rgb(197, 195, 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(197, 195, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 195, 249) }
```

Border

The CSS property to change the border of an element to XYZ 59.6399, 57.7401, 97.6241 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(197, 195, 249) }
```


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

```
.border{ border-color:rgb(197, 195, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 195, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 195, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 195, 249);  
box-shadow:4px 4px 4px 4px rgb(197, 195,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6399, 57.7401, 97.6241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 195, 249) }
```

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

```
.background{ background-color: rgb(197,  
195, 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](#).

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