

Converting Colors

XYZ(57.3244, 52.7900, 80.2343)

Have a look what the booklet for
XYZ(57.3244, 52.7900, 80.2343)
contains.

XYZ(57.3099, 52.7590, 80.5617)	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(57.3099, 52.7590,
80.5617)**

Conversions

Conversions Part 1

Format	Color
Hex	D2B6E4
RGB	210, 182, 228
RGB Percent	82%, 71%, 89%
CMY	0.1765, 0.2863, 0.1059
CMYK	0.08, 0.20, 0.00, 0.11
HSL	277°, 46%, 80%
HSV	277°, 20%, 89%
XYZ	57.3099, 52.7590, 80.5617
YIQ	195.6160, 1.9220, 20.2420

Conversions

Conversions Part 2

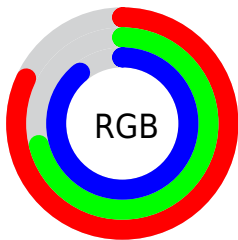
Format	Color
R _Y B	210, 182, 228
Decimal	13809380
CIE Lab	77.73, 18.39, -19.28
CIE LCh	78, 26.647, 313.640
Yxy	52.7590, 0.3006, 0.2768
Android (android.graphics.Color)	4291999460 (0xFFD2B6E4)
YUV	195.6160, 15.9653, 12.6148
Hunter-Lab	72.6354, 13.7260, -14.9152

Details

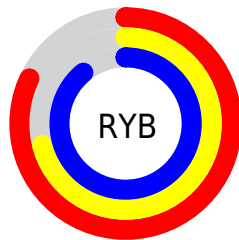
The XYZ color **57.3099, 52.7590, 80.5617** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **60.0081, 71.1449, 54.8281**, and the grayscale version is **52.1476, 54.8633, 59.7461**.

A 20% lighter version of the original color is **89.8645, 89.6291, 107.1715**, and **28.8142, 25.6476, 42.4615** is the 20% darker color. If you saturate the color by 10%, you get **50.5459, 42.8968, 79.0154**, and if you desaturate by 10%, it is **64.9789, 64.2191, 82.3703**.

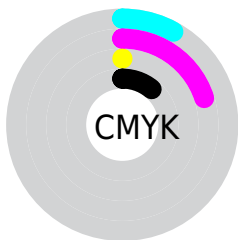
Distribution



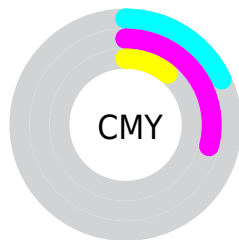
- Red (82%)
- Green (71%)
- Blue (89%)



- Red (82%)
- Yellow (71%)
- Blue (89%)



- Cyan (8%)
- Magenta (20%)
- Yellow (0%)
- Black (11%)



- Cyan (18%)
- Magenta (29%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.3099, 52.7590, 80.5617 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 57.3099, 52.7590, 80.5617 by changing the saturation by 10% instead.

57.3099, 52.7590,
80.5617

57.3099, 52.7590,
80.5617

404.6050,
397.3598, 516.5804

41.4952, 37.6104,
59.6518

100.0460, 94.2496,
135.9737

28.8956, 25.6805,
42.7146

127.6981,
121.3605, 171.3129

19.1458, 16.5847,
29.3315

160.0267,
153.2276, 212.2989

11.8803, 9.9389,
19.0840

197.3972,
190.2352, 259.3503

6.7338, 5.3584,
11.5536

240.1749,
232.7679, 312.8856

3.3410, 2.4591,
6.3216

288.7252,

1.3366, 0.8560,

281.2099, 373.3233

2.9697

343.4134,
335.9458, 441.0821

■ 0.2103, 0.0000,
1.0792

■ 0.0000, 0.0000,
0.0000

■ 57.3099, 52.7590,
80.5617

■ 57.3099, 52.7590,
80.5617

■ 50.5459, 42.8968,
79.0154

■ 64.9789, 64.2191,
82.3703

■ 44.6432, 34.5510,
77.7156

■ 73.5847, 77.3400,
84.4493

■ 39.5611, 27.6433,
76.6502

■ 83.1630, 92.1893,
86.8107

■ 35.2536, 22.0850,
75.8043

■ 87.6612, 96.6584,
87.4363

■ 31.6697, 17.7776,
75.1618

■ 90.8613, 98.3080,
87.5860

■ 28.7512, 14.6087,
74.7040

■ 91.0037, 98.3815,
87.5927

■ 26.4294, 12.4446,
74.4086

■ 24.6145, 11.0716,
74.2393

Harmonies

Analogous

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



52.5224, 52.7590, 89.7219



57.3099, 52.7590, 80.5617



60.2816, 52.7590, 65.8270

Triad

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



57.3099, 52.7590, 80.5617



52.9928, 52.7590, 34.2659



41.1083, 52.7590, 64.4110

Complementary

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



57.3099, 52.7590, 80.5617



60.0081, 71.1449, 54.8281

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.



41.2151, 52.7590, 49.8077



57.3099, 52.7590, 80.5617



47.8421, 52.7590, 34.0192

Square

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



57.3099, 52.7590, 80.5617



57.6746, 52.7590, 39.9815



43.6052, 52.7590, 39.2373



43.3026, 52.7590, 79.3730

Rectangle

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



57.3099, 52.7590, 80.5617



60.7141, 52.7590, 55.6601



43.6052, 52.7590, 39.2373



40.8811, 52.7590, 59.2689

Sweetspot

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



57.3115, 52.7612, 80.5629



88.1933, 89.5058, 107.2358



54.0441, 57.0427, 81.5615



18.7231, 18.9237, 22.9158



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.



57.3115, 52.7612, 80.5629



70.2689, 62.7121, 103.0088



62.0976, 55.3014, 77.4975



14.4205, 14.3190, 18.1481



14.3499, 6.4635, 42.8744



1.1639, 0.5310, 3.1731

Inverse Universe

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



59.1499, 54.1223, 61.9751



73.1093, 64.8034, 74.8124



55.9635, 69.0040, 57.1615



14.6093, 14.4609, 16.1432



19.5758, 9.9645, 6.6612



1.4911, 0.7542, 0.7268

Previews

White Background



This preview shows how the XYZ color 57.3099, 52.7590, 80.5617 looks on a white background.

Color Contrast Check

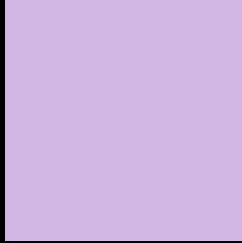
Large Text (above 18pt) WCAG AA × Fail

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 57.3099, 52.7590, 80.5617 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 57.3099, 52.7590, 80.5617

Background



This preview shows how black text looks on a background with the XYZ color 57.3099, 52.7590, 80.5617.



This preview shows how white text looks on a background with the XYZ color 57.3099, 52.7590,

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

57.3099, 52.7590, 80.5617

Protanopia

52.7932, 52.8347, 85.2575

Deuteranopia

54.0965, 52.9818, 80.0484



Tritanopia

53.7665, 52.8795, 62.6313

Trichromacy



Original Color

57.3099, 52.7590, 80.5617

Protanomaly

54.3281, 52.7043, 83.6535

Deuteranomaly

55.2435, 52.9432, 79.9805

Tritanomaly

54.8390, 52.6665, 68.9033

Monochromacy



Original Color

57.3099, 52.7590, 80.5617

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

54.1034, 54.2332, 67.2910

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3099, 52.7590, 80.5617 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(210, 182, 228)` looks like.

```
.text, #text, p{  
    color:rgb(210, 182, 228)  
}
```

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(210, 182, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 182, 228) }
```

Border

The CSS property to change the border of an element to XYZ 57.3099, 52.7590, 80.5617 is called "border". The border property can be set on classes, ids or directly on the HTML element.

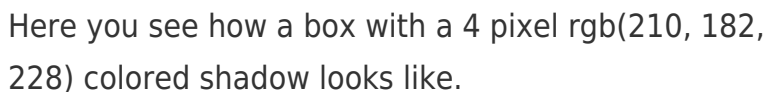
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(210, 182, 228) }
```


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

```
.border{ border-color:rgb(210, 182, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(210, 182, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(210, 182, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(210, 182, 228); box-shadow:4px 4px 4px 4px rgb(210, 182, 228) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3099, 52.7590, 80.5617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 182, 228) }
```

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

```
.background{ background-color: rgb(210,  
182, 228) }
```

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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