

Converting Colors

XYZ(35.7865, 26.6455, 54.1782)

Have a look what the booklet for
XYZ(35.7865, 26.6455, 54.1782)
contains.

XYZ(35.7502, 26.5762, 54.2844)	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(35.7502, 26.5762,
54.2844)**

Conversions

Conversions Part 1

Format	Color
Hex	B874C2
RGB	184, 116, 194
RGB Percent	72%, 45%, 76%
CMY	0.2784, 0.5451, 0.2392
CMYK	0.05, 0.40, 0.00, 0.24
HSL	292°, 39%, 61%
HSV	292°, 40%, 76%
XYZ	35.7502, 26.5762, 54.2844
YIQ	145.2240, 15.4900, 38.6740

Conversions

Conversions Part 2

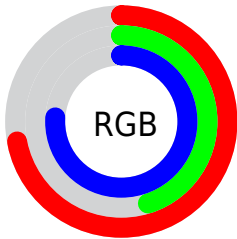
Format	Color
RYB	184, 116, 194
Decimal	12088514
CIELab	58.58, 39.46, -30.00
CIELCh	59, 49.569, 322.754
Yxy	26.5762, 0.3066, 0.2279
Android (android.graphics.Color)	4290278594 (0xFFB874C2)
YUV	145.2240, 24.0466, 34.0066
Hunter-Lab	51.5521, 33.5694, -26.3459

Details

The XYZ color **35.7502, 26.5762, 54.2844** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **31.0492, 44.2808, 23.4348**, and the grayscale version is **26.9064, 28.3076, 30.8270**.

A 20% lighter version of the original color is **67.8762, 54.0417, 98.1204**, and **15.6772, 10.3412, 25.9807** is the 20% darker color. If you saturate the color by 10%, you get **33.1528, 22.2575, 53.5881**, and if you desaturate by 10%, it is **38.8268, 31.8364, 55.1380**.

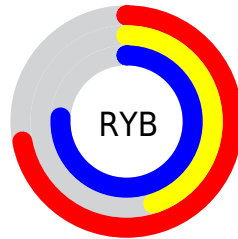
Distribution



Red (72%)

Green (45%)

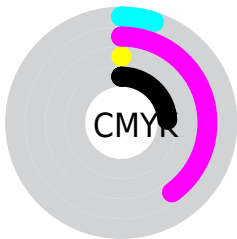
Blue (76%)



Red (72%)

Yellow (45%)

Blue (76%)

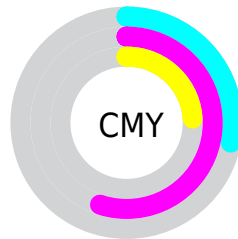


Cyan (5%)

Magenta (40%)

Yellow (0%)

Black (24%)



Cyan (28%)

Magenta (55%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.7502, 26.5762, 54.2844 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 35.7502, 26.5762, 54.2844 by changing the saturation by 10% instead.

35.7502, 26.5762,
54.2844

35.7502, 26.5762,
54.2844

319.3177,
285.5993, 420.3988

24.4105, 17.2552,
38.4344

67.9727, 54.2031,
97.9523

15.7648, 10.4166,
26.0155

89.5863, 73.2777,
126.6072

9.4477, 5.6760,
16.6094

115.3553, 96.3723,
160.3676

5.0938, 2.6491,
9.7974

145.6449,
123.8713, 199.6518

2.3377, 0.9514,
5.1610

180.8206,
156.1592, 244.8785

0.8139, 0.0000,
2.2816

221.2478,

0.0000, 0.0000,

193.6201, 296.4662

0.7209

267.2917,
236.6387, 354.8335

■ 0.0000, 0.0000,
0.0000

■ 35.7502, 26.5762,
54.2844

■ 35.7502, 26.5762,
54.2844

■ 33.1528, 22.2575,
53.5881

■ 38.8268, 31.8364,
55.1380

■ 31.0026, 18.8184,
53.0376

■ 42.4067, 38.0884,
56.1560

■ 29.2678, 16.1947,
52.6226

■ 46.5157, 45.3826,
57.3474

■ 27.9112, 14.3121,
52.3307

■ 51.1768, 53.7655,
58.7198

■ 26.8888, 13.0826,
52.1473

■ 56.4118, 63.2802,
60.2804

■ 26.1278, 12.3445,
52.0450

■ 62.2413, 73.9680,
62.0361

■ 68.6848, 85.8677,
63.9934

■ 70.3716, 88.2380,
64.3620

■ 71.0583, 88.5921,
64.3941

Harmonies

Analogous

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



30.0543, 26.5762, 72.0682



35.7502, 26.5762, 54.2844



38.7151, 26.5762, 33.3664

Triad

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



35.7502, 26.5762, 54.2844



26.7625, 26.5762, 6.8162



15.9439, 26.5762, 43.9063

Complementary

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



35.7502, 26.5762, 54.2844



31.0492, 44.2808, 23.4348

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.



15.3509, 26.5762, 24.9180



35.7502, 26.5762, 54.2844



21.0046, 26.5762, 7.7471

Square

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



35.7502, 26.5762, 54.2844



33.0126, 26.5762, 9.6360



17.0531, 26.5762, 13.0408



18.8272, 26.5762, 64.5878

Rectangle

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



35.7502, 26.5762, 54.2844



38.4565, 26.5762, 22.1599



17.0531, 26.5762, 13.0408



15.4912, 26.5762, 36.9716

Sweetspot

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



35.7511, 26.5774, 54.2850



82.7174, 79.4424, 103.4440



24.4533, 22.6335, 54.1192



17.8901, 16.9978, 22.5879



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.



35.7511, 26.5774, 54.2850



60.6921, 41.3531, 97.2529



35.3223, 26.6924, 39.0799



10.3662, 10.1799, 12.7034



17.2267, 8.1411, 34.2201



0.7805, 0.3704, 1.4802

Inverse Universe

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



32.2603, 25.4676, 22.9552



53.7127, 39.1864, 32.2578



31.5752, 44.3292, 33.5200



10.1246, 10.0984, 10.7466



14.7591, 7.5934, 1.3777



0.6553, 0.3351, 0.1522

Previews

White Background



This preview shows how the XYZ color 35.7502, 26.5762, 54.2844 looks on a white background.

Color Contrast Check

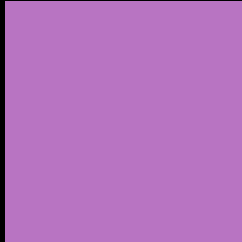
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.7502, 26.5762, 54.2844 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 × Fail

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

XYZ 35.7502, 26.5762, 54.2844

Background



This preview shows how black text looks on a background with the XYZ color 35.7502, 26.5762, 54.2844.



This preview shows how white text looks on a background with the XYZ color 35.7502, 26.5762,

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

35.7502, 26.5762, 54.2844

Protanopia

28.3187, 26.9317, 65.9931

Deuteranopia

27.4290, 26.7721, 52.4371



Tritanopia

30.2111, 26.5034, 27.5681

Trichromacy



Original Color

35.7502, 26.5762, 54.2844

Protanomaly

30.1202, 26.3031, 61.2471

Deuteranomaly

29.7330, 26.2901, 52.7976

Tritanomaly

31.9696, 26.4676, 35.7715

Monochromacy



Original Color

35.7502, 26.5762, 54.2844

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

29.4340, 27.0655, 38.3231

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.7502, 26.5762, 54.2844 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(184, 116, 194)` looks like.

```
.text, #text, p{  
    color:rgb(184, 116, 194)  
}
```

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(184, 116, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 116, 194) }
```

Border

The CSS property to change the border of an element to XYZ 35.7502, 26.5762, 54.2844 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(184, 116, 194) }
```


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

```
.border{ border-color:rgb(184, 116, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 116, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 116, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 116, 194);  
box-shadow:4px 4px 4px 4px rgb(184, 116,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 35.7502, 26.5762, 54.2844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 116, 194) }
```

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

```
.background{ background-color: rgb(184,  
116, 194) }
```

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