

Converting Colors

XYZ(35.6678, 25.7864, 30.8858)

Have a look what the booklet for
XYZ(35.6678, 25.7864, 30.8858)
contains.

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Color

**XYZ(35.5309, 25.6691,
30.6857)**

Conversions

Conversions Part 1

Format	Color
Hex	CC6C93
RGB	204, 108, 147
RGB Percent	80%, 42%, 58%
CMY	0.2000, 0.5764, 0.4235
CMYK	0.00, 0.47, 0.28, 0.20
HSL	336°, 48%, 61%
HSV	336°, 47%, 80%
XYZ	35.5309, 25.6691, 30.6857
YIQ	141.1500, 44.6970, 32.4810

Conversions

Conversions Part 2

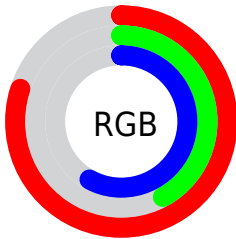
Format	Color
R_{YB}	204, 108, 147
Decimal	13397139
CIE _{Lab}	57.72, 42.42, -4.02
CIE _{LCh}	58, 42.610, 354.587
Yxy	25.6691, 0.3867, 0.2794
Android (android.graphics.Color)	4291587219 (0xFFCC6C93)
YUV	141.1500, 2.8840, 55.1194
Hunter-Lab	50.6647, 36.5180, -0.4445

Details

The XYZ color **35.5309, 25.6691, 30.6857** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **34.5700, 49.0912, 43.2534**, and the grayscale version is **25.3538, 26.6742, 29.0482**.

A 20% lighter version of the original color is **64.7029, 51.3177, 61.7534**, and **15.6045, 9.8945, 12.3966** is the 20% darker color. If you saturate the color by 10%, you get **32.7246, 21.4984, 25.3050**, and if you desaturate by 10%, it is **38.9420, 30.8890, 36.7624**.

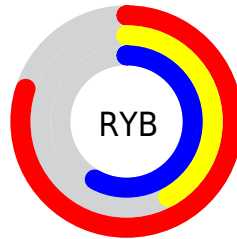
Distribution



Red (80%)

Green (42%)

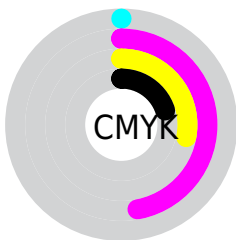
Blue (58%)



Red (80%)

Yellow (42%)

Blue (58%)

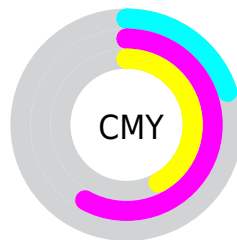


Cyan (0%)

Magenta (47%)

Yellow (28%)

Black (20%)



Cyan (20%)


Magenta (58%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.5309, 25.6691, 30.6857 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 35.5309, 25.6691, 30.6857 by changing the saturation by 10% instead.


 35.5309, 25.6691,
30.6857


 35.5309, 25.6691,
30.6857

318.3726,
281.1539, 319.3940


 24.2405, 16.5763,
20.1032


 67.6360, 52.7406,
61.8187


 15.6379, 9.9328,
12.2852


 89.1815, 71.4881,
83.2062

 9.3575, 5.3544,
6.8134


 114.8761, 94.2226,
109.0325

 5.0340, 2.4567,
3.2690

 145.0851,
121.3285, 139.7160

 2.3022, 0.8548,
1.2336

180.1739,
153.1902, 175.6754

 0.7958, 0.0000,
0.0064

220.5078,

 0.0000, 0.0000,

190.1920, 217.3292

0.0000

266.4523,
232.7185, 265.0958

■ 35.5309, 25.6691,
30.6857

■ 35.5309, 25.6691,
30.6857

■ 32.7246, 21.4984,
25.3050

■ 38.9420, 30.8890,
36.7624

■ 30.4824, 18.3006,
20.5907

■ 42.9910, 37.2199,
43.5599

■ 28.7613, 15.9952,
16.5128


■ 47.7109, 44.7231,
51.1033


■ 27.5110, 14.4865,
13.0376


■ 53.1318, 53.4545,
59.4162


■ 26.6644, 13.6467,
10.1250


■ 59.2819, 63.4663,
68.5209

 26.4582, 13.4599,
9.3607

 66.1877, 74.8076,
78.4387

 73.8746, 87.5251,
89.1900

 76.9768, 90.8834,
98.9981

 78.7120, 91.5774,
108.1354

Harmonies

Analogous

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



33.3025, 25.6691, 47.6060



35.5309, 25.6691, 30.6857



34.4549, 25.6691, 17.8096

Triad

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



35.5309, 25.6691, 30.6857



20.5377, 25.6691, 9.3894



19.1409, 25.6691, 57.6860

Complementary

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



35.5309, 25.6691, 30.6857



34.5700, 49.0912, 43.2534

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.



16.5170, 25.6691, 41.3514



35.5309, 25.6691, 30.6857



17.2412, 25.6691, 14.6206

Square

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



35.5309, 25.6691, 30.6857



25.3354, 25.6691, 8.2664



15.8732, 25.6691, 25.3806



23.4835, 25.6691, 66.3099

Rectangle

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



35.5309, 25.6691, 30.6857



32.0763, 25.6691, 12.4968



15.8732, 25.6691, 25.3806



18.0542, 25.6691, 52.6886

Sweetspot

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



35.5316, 25.6704, 30.6862



81.4727, 78.0089, 88.4560



31.5727, 22.9788, 59.8983



17.0363, 16.0518, 18.3086



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.



35.5316, 25.6704, 30.6862



54.3317, 35.8027, 42.1806



33.8550, 26.4123, 17.5027



11.3980, 11.2880, 12.6307



16.6966, 8.4892, 6.1210



0.8987, 0.4529, 0.5123

Inverse Universe

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



35.5316, 25.6704, 30.6862



54.3317, 35.8027, 42.1806



36.8243, 47.0284, 64.2635



11.3980, 11.2880, 12.6307



16.6966, 8.4892, 6.1210



0.8987, 0.4529, 0.5123

Previews

White Background



This preview shows how the XYZ color 35.5309, 25.6691, 30.6857 looks on a white background.

Color Contrast Check

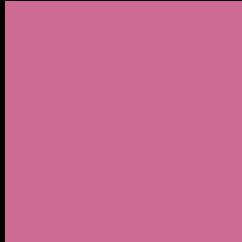
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.5309, 25.6691, 30.6857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

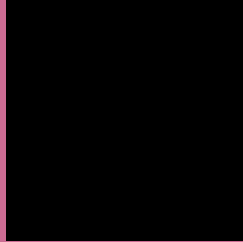
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.5309, 25.6691, 30.6857

Background



This preview shows how black text looks on a background with the XYZ color 35.5309, 25.6691, 30.6857.



This preview shows how white text looks on a background with the XYZ color 35.5309, 25.6691,

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

35.5309, 25.6691, 30.6857

Protanopia

25.6443, 25.9167, 39.7272

Deuteranopia

26.3090, 25.8602, 29.1961



Tritanopia

33.7134, 25.7473, 21.2820

Trichromacy



Original Color

35.5309, 25.6691, 30.6857

Protanomaly

28.1455, 25.0529, 36.1532

Deuteranomaly

28.9452, 25.2269, 29.7293

Tritanomaly

34.3423, 25.6771, 24.2652

Monochromacy



Original Color

35.5309, 25.6691, 30.6857

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

28.1180, 25.5762, 29.4413

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5309, 25.6691, 30.6857 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(204, 108, 147)` looks like.

```
.text, #text, p{  
    color:rgb(204, 108, 147)  
}
```

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(204, 108, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 108, 147) }
```

Border

The CSS property to change the border of an element to XYZ 35.5309, 25.6691, 30.6857 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(204, 108, 147) }
```


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

```
.border{ border-color:rgb(204, 108, 147) }
```

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

Here you see how a box with a 4 pixel rgb(204, 108, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 108, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 108, 147);  
box-shadow:4px 4px 4px 4px rgb(204, 108,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5309, 25.6691, 30.6857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 108, 147) }
```

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

```
.background{ background-color: rgb(204,  
108, 147) }
```

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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