

Converting Colors

XYZ(35.4111, 26.6278, 34.7864)

Have a look what the booklet for
XYZ(35.4111, 26.6278, 34.7864)
contains.

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Color

**XYZ(35.4202, 26.6675,
34.7330)**

Conversions

Conversions Part 1

Format	Color
Hex	C6739C
RGB	198, 115, 156
RGB Percent	78%, 45%, 61%
CMY	0.2235, 0.5490, 0.3882
CMYK	0.00, 0.42, 0.21, 0.22
HSL	330°, 42%, 61%
HSV	330°, 42%, 78%
XYZ	35.4202, 26.6675, 34.7330
YIQ	144.4910, 36.3070, 30.3470

Conversions

Conversions Part 2

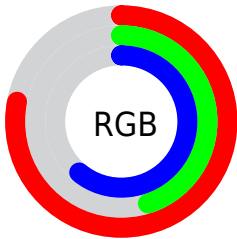
Format	Color
R_{YB}	198, 115, 156
Decimal	13005724
CIE _{Lab}	58.67, 37.98, -7.92
CIE _{LCh}	59, 38.795, 348.218
Yxy	26.6675, 0.3658, 0.2754
Android (android.graphics.Color)	4291195804 (0xFFC6739C)
YUV	144.4910, 5.6739, 46.9274
Hunter-Lab	51.6406, 32.0619, -3.7295

Details

The XYZ color **35.4202, 26.6675, 34.7330** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **33.3513, 46.4681, 39.1119**, and the grayscale version is **26.6756, 28.0648, 30.5625**.

A 20% lighter version of the original color is **66.8755, 53.9184, 67.8553**, and **15.5385, 10.4375, 14.5603** is the 20% darker color. If you saturate the color by 10%, you get **32.5864, 22.3020, 29.7736**, and if you desaturate by 10%, it is **38.8105, 32.0334, 40.2238**.

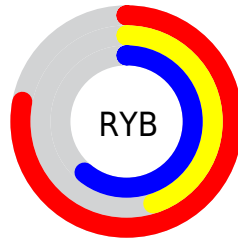
Distribution



Red (78%)

Green (45%)

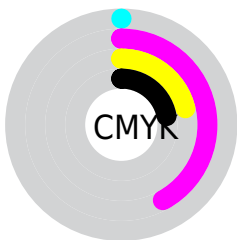
Blue (61%)



Red (78%)

Yellow (45%)

Blue (61%)

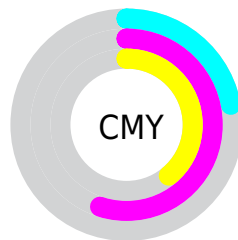


Cyan (0%)

Magenta (42%)

Yellow (21%)

Black (22%)



Cyan (22%)


Magenta (55%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.4202, 26.6675, 34.7330 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 35.4202, 26.6675, 34.7330 by changing the saturation by 10% instead.


 35.4202, 26.6675,
34.7330


 35.4202, 26.6675,
34.7330


317.8948,
286.0436, 338.2566


 24.1548, 17.3237,
23.1754


 67.4660, 54.3498,
68.2188

 15.5738, 10.4655,
14.5165


 88.9770, 73.4572,
90.9841

 9.3120, 5.7087,
8.3380


 114.6339, 96.5877,
118.3223

 5.0040, 2.6688,
4.2211

144.8022,
124.1260, 150.6520

 2.2844, 0.9614,
1.7474

179.8470,
156.4563, 188.3917

 0.7867, 0.0000,
0.3929

220.1338,

 0.0000, 0.0000,

193.9631, 231.9601

0.0000

266.0280,
237.0307, 281.7755

■ 35.4202, 26.6675,
34.7330

■ 35.4202, 26.6675,
34.7330

■ 32.5864, 22.3020,
29.7736

■ 38.8105, 32.0334,
40.2238

■ 30.2737, 18.8696,
25.3247

■ 42.7851, 38.4535,
46.2625

■ 28.4461, 16.3009,
21.3660


■ 47.3726, 45.9825,
52.8666


■ 27.0617, 14.5149,
17.8745


■ 52.5993, 54.6700,
60.0524


■ 26.0706, 13.4151,
14.8242


■ 58.4895, 64.5627,
67.8352

 25.4842, 12.8840,
12.6502

 65.0664, 75.7047,
76.2299

 72.3522, 88.1379,
85.2507

 74.2123, 89.5912,
92.8596

 75.7109, 90.1907,
100.7510

Harmonies

Analogous

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



32.8146, 26.6675, 50.2745



35.4202, 26.6675, 34.7330



35.0883, 26.6675, 21.5782

Triad

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



35.4202, 26.6675, 34.7330



22.5876, 26.6675, 10.5579



19.7167, 26.6675, 53.3400

Complementary

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



35.4202, 26.6675, 34.7330



33.3513, 46.4681, 39.1119

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.



17.5989, 26.6675, 38.0410



35.4202, 26.6675, 34.7330



19.1076, 26.6675, 14.8224

Square

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



35.4202, 26.6675, 34.7330



27.2647, 26.6675, 10.1740



17.3908, 26.6675, 23.9994



23.5208, 26.6675, 63.0612

Rectangle

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



35.4202, 26.6675, 34.7330



33.2517, 26.6675, 15.6355



17.3908, 26.6675, 23.9994



18.8057, 26.6675, 48.4929

Sweetspot

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



35.4210, 26.6688, 34.7335



82.7871, 79.6092, 92.0647



30.1322, 23.4580, 56.3662



17.3165, 16.3753, 19.1322



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.



35.4210, 26.6688, 34.7335



58.2408, 40.3069, 53.7004



32.5150, 25.5064, 19.4306



10.8486, 10.7228, 12.1861



16.6160, 8.3959, 8.4535



0.8233, 0.4122, 0.5929

Inverse Universe

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



35.4210, 26.6688, 34.7335



58.2408, 40.3069, 53.7004



37.4582, 48.1109, 60.7385



10.8486, 10.7228, 12.1861



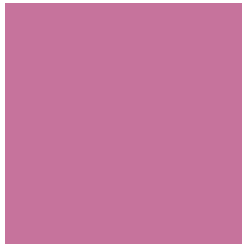
16.6160, 8.3959, 8.4535



0.8233, 0.4122, 0.5929

Previews

White Background



This preview shows how the XYZ color 35.4202, 26.6675, 34.7330 looks on a white background.

Color Contrast Check

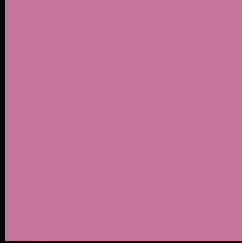
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.4202, 26.6675, 34.7330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

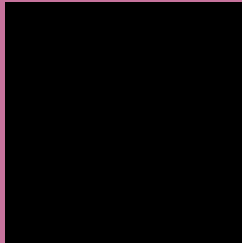
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.4202, 26.6675, 34.7330

Background



This preview shows how black text looks on a background with the XYZ color 35.4202, 26.6675, 34.7330.



This preview shows how white text looks on a background with the XYZ color 35.4202, 26.6675,

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

35.4202, 26.6675, 34.7330

Protanopia

26.6560, 26.8031, 42.7983

Deuteranopia

27.1908, 26.6423, 33.4151



Tritanopia

33.1846, 26.6200, 24.1580

Trichromacy



Original Color

35.4202, 26.6675, 34.7330

Protanomaly

28.9039, 26.1539, 39.6012

Deuteranomaly

29.5364, 26.2159, 33.6404

Tritanomaly

33.9036, 26.5567, 27.7651

Monochromacy



Original Color

35.4202, 26.6675, 34.7330

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

29.0427, 26.8057, 31.6603

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4202, 26.6675, 34.7330 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(198, 115, 156)` looks like.

```
.text, #text, p{  
    color:rgb(198, 115, 156)  
}
```

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(198, 115, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 115, 156) }
```

Border

The CSS property to change the border of an element to XYZ 35.4202, 26.6675, 34.7330 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(198, 115, 156) }
```


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

```
.border{ border-color:rgb(198, 115, 156) }
```

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

Here you see how a box with a 4 pixel rgb(198, 115, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 115, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 115, 156);  
box-shadow:4px 4px 4px 4px rgb(198, 115,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4202, 26.6675, 34.7330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 115, 156) }
```

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

```
.background{ background-color: rgb(198,  
115, 156) }
```

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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