

Converting Colors

XYZ(35.7492, 26.8624, 41.3310)

Have a look what the booklet for
XYZ(35.7492, 26.8624, 41.3310)
contains.

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Color

**XYZ(35.7492, 26.8624,
41.3310)**

Conversions

Conversions Part 1

Format	Color
Hex	C274AA
RGB	194, 116, 170
RGB Percent	76%, 45%, 67%
CMY	0.2392, 0.5451, 0.3333
CMYK	0.00, 0.40, 0.12, 0.24
HSL	318°, 39%, 61%
HSV	318°, 40%, 76%
XYZ	35.7492, 26.8624, 41.3310
YIQ	145.4780, 29.1540, 33.3300

Conversions

Conversions Part 2

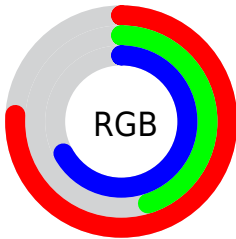
Format	Color
RYB	194, 116, 170
Decimal	12743850
CIELab	58.85, 38.31, -15.77
CIELCh	59, 41.423, 337.630
Yxy	26.8624, 0.3439, 0.2584
Android (android.graphics.Color)	4290933930 (0xFFC274AA)
YUV	145.4780, 12.0893, 42.5538
Hunter-Lab	51.8289, 32.4203, -11.0006

Details

The XYZ color **35.7492, 26.8624, 41.3310** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **31.2290, 44.1908, 31.6965**, and the grayscale version is **27.0529, 28.4617, 30.9948**.

A 20% lighter version of the original color is **67.9235, 54.5076, 78.1752**, and **15.8078, 10.5776, 18.3481** is the 20% darker color. If you saturate the color by 10%, you get **33.1902, 22.6274, 37.7549**, and if you desaturate by 10%, it is **38.8024, 32.0440, 45.1989**.

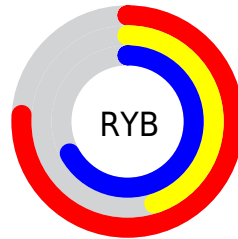
Distribution



Red (76%)

Green (45%)

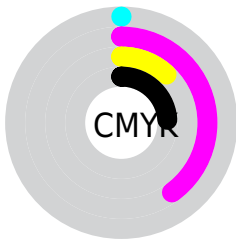
Blue (67%)



Red (76%)

Yellow (45%)

Blue (67%)

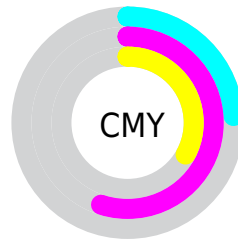


Cyan (0%)

Magenta (40%)

Yellow (12%)

Black (24%)



Cyan (24%)


Magenta (55%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.7492, 26.8624, 41.3310 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 35.7492, 26.8624, 41.3310 by changing the saturation by 10% instead.


 35.7492, 26.8624,
41.3310

 35.7492, 26.8624,
41.3310


319.3134,
286.9903, 367.4197


 24.4098, 17.4699,
28.2562


 67.9712, 54.6630,
78.4452

 15.7642, 10.5701,
18.2781


 89.5845, 73.8399,
103.3217

 9.4473, 5.7785,
10.9784


 115.3531, 97.0470,
132.9691

 5.0935, 2.7109,
5.9383

145.6423,
124.6688, 167.8061

 2.3375, 0.9827,
2.7394

180.8177,
157.0896, 208.2511

 0.8138, 0.0000,
0.9632

221.2444,

 0.0000, 0.0000,

194.6939, 254.7226

0.0000

267.2878,
237.8660, 307.6393

■ 35.7492, 26.8624,
41.3310

■ 35.7492, 26.8624,
41.3310

■ 33.1902, 22.6274,
37.7549

■ 38.8024, 32.0440,
45.1989

■ 31.0934, 19.2766,
34.4575

■ 42.3745, 38.2222,
49.3676

■ 29.4266, 16.7459,
31.4267

■ 46.4913, 45.4478,
53.8477

■ 28.1523, 14.9608,
28.6481

■ 51.1763, 53.7671,
58.6485

■ 27.2262, 13.8333,
26.1052

■ 56.4515, 63.2236,
63.7789

■ 26.5727, 13.1992,
23.8132

■ 62.3376, 73.8585,
69.2473

■ 68.8545, 85.7108,
75.0618

■ 70.6314, 88.0387,
79.4337

■ 71.4258, 88.3564,
83.6168

Harmonies

Analogous

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



32.0197, 26.8624, 57.7065



35.7492, 26.8624, 41.3310



36.5727, 26.8624, 25.6659

Triad

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



35.7492, 26.8624, 41.3310



24.2482, 26.8624, 9.2718



18.5083, 26.8624, 50.0364

Complementary

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



35.7492, 26.8624, 41.3310



31.2290, 44.1908, 31.6965

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.



16.9721, 26.8624, 33.1501



35.7492, 26.8624, 41.3310



19.9856, 26.8624, 12.1322

Square

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



35.7492, 26.8624, 41.3310



29.4607, 26.8624, 10.1687



17.4743, 26.8624, 19.7853



21.9689, 26.8624, 63.7918

Rectangle

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



35.7492, 26.8624, 41.3310



35.2739, 26.8624, 18.0342



17.4743, 26.8624, 19.7853



17.7723, 26.8624, 44.3520

Sweetspot

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



35.7500, 26.8636, 41.3315



82.6678, 79.5838, 95.8998



26.6986, 21.9108, 53.8613



17.8786, 17.0323, 20.7600



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.



35.7500, 26.8636, 41.3315



60.7479, 42.0006, 69.3051



32.6321, 25.6165, 24.9126



10.3611, 10.1930, 11.9918



17.5087, 8.6932, 15.8567



0.7862, 0.3875, 0.8413

Inverse Universe

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



35.7500, 26.8636, 41.3315



60.7479, 42.0006, 69.3051



34.5713, 45.5277, 49.2968



10.3611, 10.1930, 11.9918



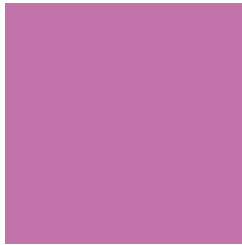
17.5087, 8.6932, 15.8567



0.7862, 0.3875, 0.8413

Previews

White Background



This preview shows how the XYZ color 35.7492, 26.8624, 41.3310 looks on a white background.

Color Contrast Check

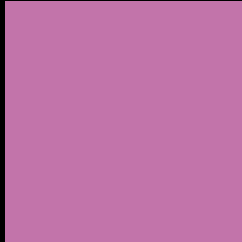
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.7492, 26.8624, 41.3310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

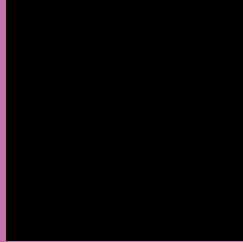
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.7492, 26.8624, 41.3310

Background



This preview shows how black text looks on a background with the XYZ color 35.7492, 26.8624, 41.3310.



This preview shows how white text looks on a background with the XYZ color 35.7492, 26.8624,

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

35.7492, 26.8624, 41.3310

Protanopia

27.4010, 27.0112, 50.7832

Deuteranopia

27.6172, 27.1477, 39.8608



Tritanopia

32.5518, 26.8065, 25.6488

Trichromacy



Original Color

35.7492, 26.8624, 41.3310

Protanomaly

29.5937, 26.3411, 47.2406

Deuteranomaly

29.9916, 26.7040, 40.1329

Tritanomaly

33.3906, 26.5846, 30.5656

Monochromacy



Original Color

35.7492, 26.8624, 41.3310

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

29.4621, 27.1698, 34.2633

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.7492, 26.8624, 41.3310 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(194, 116, 170)` looks like.

```
.text, #text, p{  
    color:rgb(194, 116, 170)  
}
```

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(194, 116, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 116, 170) }
```

Border

The CSS property to change the border of an element to XYZ 35.7492, 26.8624, 41.3310 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(194, 116, 170) }
```


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

```
.border{ border-color:rgb(194, 116, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 116, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 116, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 116, 170);  
box-shadow:4px 4px 4px 4px rgb(194, 116,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 35.7492, 26.8624, 41.3310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 116, 170) }
```

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

```
.background{ background-color: rgb(194,  
116, 170) }
```

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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