

Converting Colors

XYZ(35.4311, 26.2355, 43.0551)

Have a look what the booklet for
XYZ(35.4311, 26.2355, 43.0551)
contains.

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Color

**XYZ(35.6496, 26.4281,
43.2666)**

Conversions

Conversions Part 1

Format	Color
Hex	C172AE
RGB	193, 114, 174
RGB Percent	76%, 45%, 68%
CMY	0.2431, 0.5529, 0.3176
CMYK	0.00, 0.41, 0.10, 0.24
HSL	314°, 39%, 60%
HSV	314°, 41%, 76%
XYZ	35.6496, 26.4281, 43.2666
YIQ	144.4610, 27.8240, 35.4080

Conversions

Conversions Part 2

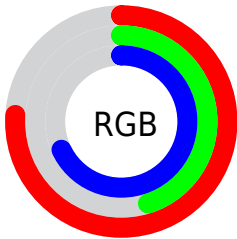
Format	Color
R _Y B	193, 114, 174
Decimal	12677806
CIE Lab	58.44, 39.72, -18.69
CIE LCh	58, 43.897, 334.800
Yxy	26.4281, 0.3384, 0.2509
Android (android.graphics.Color)	4290867886 (0xFFC172AE)
YUV	144.4610, 14.5627, 42.5687
Hunter-Lab	51.4083, 33.8182, -13.9143

Details

The XYZ color **35.6496, 26.4281, 43.2666** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **30.2442, 43.4116, 28.9773**, and the grayscale version is **26.6311, 28.0180, 30.5116**.

A 20% lighter version of the original color is **67.8853, 53.8598, 81.6810**, and **15.7099, 10.3388, 19.2567** is the 20% darker color. If you saturate the color by 10%, you get **33.2533, 22.3470, 40.2736**, and if you desaturate by 10%, it is **38.5224, 31.4365, 46.4961**.

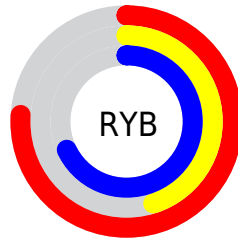
Distribution



Red (76%)

Green (45%)

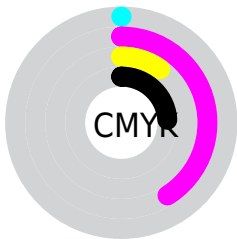
Blue (68%)



Red (76%)

Yellow (45%)

Blue (68%)

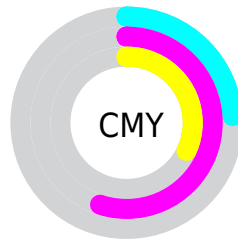


Cyan (0%)

Magenta (41%)

Yellow (10%)

Black (24%)



Cyan (24%)


Magenta (55%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.6496, 26.4281, 43.2666 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 35.6496, 26.4281, 43.2666 by changing the saturation by 10% instead.


 35.6496, 26.4281,
43.2666


 35.6496, 26.4281,
43.2666


318.8844,
284.8773, 375.6604


 24.3325, 17.1442,
29.7614


 67.8183, 53.9648,
81.4037

 15.7066, 10.3373,
19.4070


 89.4007, 72.9863,
106.8726

 9.4063, 5.6232,
11.7850


 115.1355, 96.0225,
137.1666

 5.0663, 2.6173,
6.4767

145.3882,
123.4578, 172.7041

 2.3214, 0.9354,
3.0636

180.5241,
155.6765, 213.9037

 0.8056, 0.0000,
1.1272

220.9085,

 0.0000, 0.0000,

193.0631, 261.1839

0.0000

266.9068,
236.0019, 314.9633

■ 35.6496, 26.4281,
43.2666

■ 35.6496, 26.4281,
43.2666

■ 33.2533, 22.3470,
40.2736

■ 38.5224, 31.4365,
46.4961

■ 31.3019, 19.1311,
37.5051

■ 41.8961, 37.4217,
49.9703

■ 29.7635, 16.7167,
34.9499

■ 45.7962, 44.4342,
53.6985

■ 28.6008, 15.0297,
32.5947

■ 50.2457, 52.5198,
57.6894

■ 27.7698, 13.9818,
30.4242

■ 55.2663, 61.7215,
61.9507

■ 27.2261, 13.4310,
28.5889

■ 60.8784, 72.0802,
66.4901

■ 67.1016, 83.6345,
71.3147

■ 69.5276, 87.5676,
74.9559

■ 70.1186, 87.8040,
78.0683

Harmonies

Analogous

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



31.4741, 26.4281, 60.4668



35.6496, 26.4281, 43.2666



36.8565, 26.4281, 26.3753

Triad

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



35.6496, 26.4281, 43.2666



24.2663, 26.4281, 8.2423



17.5690, 26.4281, 49.1290

Complementary

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



35.6496, 26.4281, 43.2666



30.2442, 43.4116, 28.9773

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.



16.1828, 26.4281, 31.3175



35.6496, 26.4281, 43.2666



19.6829, 26.4281, 10.7026

Square

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



35.6496, 26.4281, 43.2666



29.7693, 26.4281, 9.4751



16.8980, 26.4281, 17.9462



20.9803, 26.4281, 64.6110

Rectangle

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



35.6496, 26.4281, 43.2666



35.6881, 26.4281, 18.0831



16.8980, 26.4281, 17.9462



16.8746, 26.4281, 43.0216

Sweetspot

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



35.6504, 26.4293, 43.2671



81.0891, 77.8979, 95.3086



25.2278, 20.8269, 53.1428



17.1910, 16.3413, 20.2546



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.6504, 26.4293, 43.2671



60.0137, 40.7916, 72.7322



32.3885, 25.1245, 26.0902



10.3904, 10.2048, 12.1462



18.1410, 8.9462, 19.1864



0.8094, 0.3968, 0.9637

Inverse Universe

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



35.6504, 26.4293, 43.2671



60.0137, 40.7916, 72.7322



33.4504, 44.6941, 45.8609



10.3904, 10.2048, 12.1462



18.1410, 8.9462, 19.1864



0.8094, 0.3968, 0.9637

Previews

White Background



This preview shows how the XYZ color 35.6496, 26.4281, 43.2666 looks on a white background.

Color Contrast Check

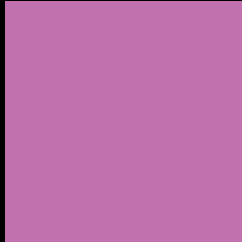
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.6496, 26.4281, 43.2666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

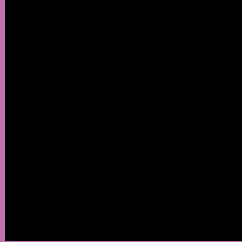
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.6496, 26.4281, 43.2666

Background



This preview shows how black text looks on a background with the XYZ color 35.6496, 26.4281, 43.2666.



This preview shows how white text looks on a background with the XYZ color 35.6496, 26.4281,

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

35.6496, 26.4281, 43.2666

Protanopia

27.2045, 26.6310, 53.5756

Deuteranopia

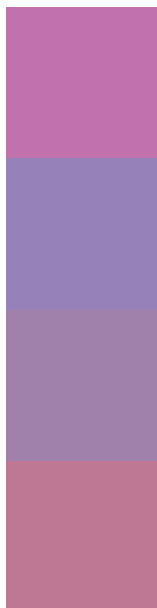
27.1594, 26.6547, 41.7436



Tritanopia

31.9869, 26.5232, 25.2634

Trichromacy



Original Color

35.6496, 26.4281, 43.2666

Protanomaly

29.3173, 25.9521, 49.3630

Deuteranomaly

29.4990, 26.0117, 41.9941

Tritanomaly

33.2181, 26.4867, 30.9654

Monochromacy



Original Color

35.6496, 26.4281, 43.2666

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

29.2042, 26.8230, 34.6485

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6496, 26.4281, 43.2666 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(193, 114, 174)` looks like.

```
.text, #text, p{  
    color:rgb(193, 114, 174)  
}
```

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(193, 114, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 114, 174) }
```

Border

The CSS property to change the border of an element to XYZ 35.6496, 26.4281, 43.2666 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(193, 114, 174) }
```


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

```
.border{ border-color:rgb(193, 114, 174) }
```

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

Here you see how a box with a 4 pixel rgb(193, 114, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 114, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 114, 174);  
box-shadow:4px 4px 4px 4px rgb(193, 114,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6496, 26.4281, 43.2666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 114, 174) }
```

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

```
.background{ background-color: rgb(193,  
114, 174) }
```

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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