

Converting Colors

XYZ(35.1375, 24.1952, 47.2740)

Have a look what the booklet for
XYZ(35.1375, 24.1952, 47.2740)
contains.

XYZ(35.1872, 24.2176, 47.0759)	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(35.1872, 24.2176,
47.0759)**

Conversions

Conversions Part 1

Format	Color
Hex	C166B6
RGB	193, 102, 182
RGB Percent	76%, 40%, 71%
CMY	0.2431, 0.6000, 0.2863
CMYK	0.00, 0.47, 0.06, 0.24
HSL	307°, 42%, 58%
HSV	307°, 47%, 76%
XYZ	35.1872, 24.2176, 47.0759
YIQ	138.3290, 28.5560, 44.1720

Conversions

Conversions Part 2

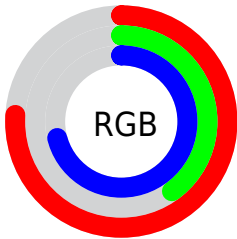
Format	Color
R _Y B	193, 102, 182
Decimal	12674742
CIE Lab	56.31, 47.36, -26.57
CIE LCh	56, 54.304, 330.709
Yxy	24.2176, 0.3305, 0.2274
Android (android.graphics.Color)	4290864822 (0xFFC166B6)
YUV	138.3290, 21.5298, 47.9465
Hunter-Lab	49.2114, 41.5114, -22.2692

Details

The XYZ color **35.1872, 24.2176, 47.0759** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **27.5312, 42.1578, 22.3105**, and the grayscale version is **24.1965, 25.4566, 27.7223**.

A 20% lighter version of the original color is **67.1047, 50.4592, 87.0917**, and **15.4196, 9.1845, 21.7290** is the 20% darker color. If you saturate the color by 10%, you get **33.2677, 20.7608, 45.2565**, and if you desaturate by 10%, it is **37.5539, 28.5613, 49.0647**.

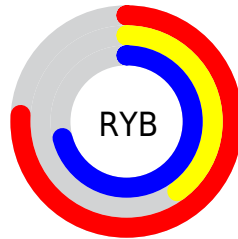
Distribution



Red (76%)

Green (40%)

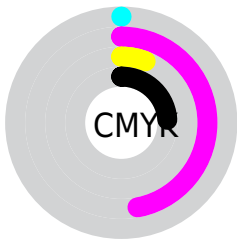
Blue (71%)



Red (76%)

Yellow (40%)

Blue (71%)

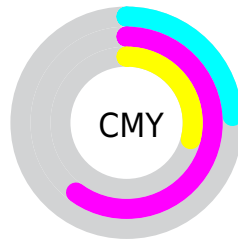


Cyan (0%)

Magenta (47%)

Yellow (6%)

Black (24%)



Cyan (24%)


Magenta (60%)


Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.1872, 24.2176, 47.0759 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 35.1872, 24.2176, 47.0759 by changing the saturation by 10% instead.

 35.1872, 24.2176,
47.0759

 35.1872, 24.2176,
47.0759


316.8874,
273.9188, 391.5199

 23.9743, 15.4951,
32.7409


 67.1078, 50.3851,
87.1781


 15.4392, 9.1676,
21.6585


 88.5462, 68.5988,
113.7823

 9.2165, 4.8507,
13.4103


 114.1238, 90.7451,
145.3134

 4.9409, 2.1599,
7.5776

 144.2060,
117.2084, 182.1898

 2.2470, 0.6980,
3.7420

179.1580,
148.3730, 224.8301

 0.7674, 0.0000,
1.4849

219.3454,

 0.0000, 0.0000,

184.6233, 273.6529

0.2067

265.1334,
226.3438, 329.0767

■ 0.0000, 0.0000,
0.0000

■ 35.1872, 24.2176,
47.0759

■ 35.1872, 24.2176,
47.0759

■ 33.2677, 20.7608,
45.2565

■ 37.5539, 28.5613,
49.0647

■ 31.7618, 18.1253,
43.5944

■ 40.3933, 33.8447,
51.2307

■ 30.6352, 16.2419,
42.0784

■ 43.7323, 40.1204,
53.5833

■ 29.8468, 15.0288,
40.6947

■ 47.5946, 47.4364,
56.1304

■ 29.3398, 14.3721,
39.4242

■ 52.0026, 55.8372,
58.8796

■ 29.2171, 14.2274,
39.0727

■ 56.9773, 65.3650,
61.8380

■ 62.5388, 76.0597,
65.0124

■ 68.2559, 87.0589,
68.2591

■ 68.5320, 87.1694,
69.7127

Harmonies

Analogous

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



29.7255, 24.2176, 68.4766



35.1872, 24.2176, 47.0759



37.2671, 24.2176, 25.9448

Triad

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



35.1872, 24.2176, 47.0759



22.8696, 24.2176, 4.7416



14.1456, 24.2176, 48.1709

Complementary

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



35.1872, 24.2176, 47.0759



27.5312, 42.1578, 22.3105

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.



12.9614, 24.2176, 26.7975



35.1872, 24.2176, 47.0759



17.4042, 24.2176, 6.4526

Square

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



35.1872, 24.2176, 47.0759



29.4208, 24.2176, 6.2873



14.0383, 24.2176, 12.8476



17.6190, 24.2176, 69.2852

Rectangle

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



35.1872, 24.2176, 47.0759



36.2067, 24.2176, 15.9641



14.0383, 24.2176, 12.8476



13.4981, 24.2176, 40.5275

Sweetspot

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



35.1880, 24.2187, 47.0764



80.2511, 75.4962, 97.2665



21.1390, 16.8396, 52.5889



16.9078, 15.6129, 20.6592



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.



35.1880, 24.2187, 47.0764



59.3563, 36.7814, 80.8226



31.2517, 22.6442, 26.3479



10.4432, 10.2259, 12.4243



19.4523, 9.4707, 26.0916



0.8556, 0.4152, 1.2067

Inverse Universe

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



35.1880, 24.2187, 47.0764



59.3563, 36.7814, 80.8226



30.7321, 43.4382, 39.1662



10.4432, 10.2259, 12.4243



19.4523, 9.4707, 26.0916



0.8556, 0.4152, 1.2067

Previews

White Background



This preview shows how the XYZ color 35.1872, 24.2176, 47.0759 looks on a white background.

Color Contrast Check

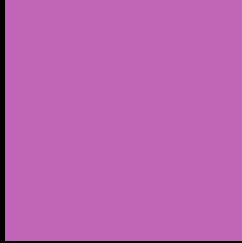
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.1872, 24.2176, 47.0759 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 35.1872, 24.2176, 47.0759

Background



This preview shows how black text looks on a background with the XYZ color 35.1872, 24.2176, 47.0759.



This preview shows how white text looks on a background with the XYZ color 35.1872, 24.2176,

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

35.1872, 24.2176, 47.0759

Protanopia

25.9567, 24.5313, 62.3984

Deuteranopia

24.9275, 24.3850, 44.9879



Tritanopia

30.0185, 24.1558, 22.1492

Trichromacy



Original Color

35.1872, 24.2176, 47.0759



Protanomaly

27.9678, 23.5717, 56.5018



Deuteranomaly

27.6739, 23.6578, 45.7557



Tritanomaly

31.6730, 24.0150, 29.7541

Monochromacy



Original Color

35.1872, 24.2176, 47.0759



Achromatopsia

24.1572, 25.4152, 27.6772



Achromatomaly

27.2669, 24.2694, 33.8192

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1872, 24.2176, 47.0759 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, 102, 182)` looks like.

```
.text, #text, p{  
    color:rgb(193, 102, 182)  
}
```

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, 102, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 102, 182) }
```

Border

The CSS property to change the border of an element to XYZ 35.1872, 24.2176, 47.0759 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, 102, 182) }
```


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

```
.border{ border-color:rgb(193, 102, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 102, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 102, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 102, 182);  
box-shadow:4px 4px 4px 4px rgb(193, 102,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1872, 24.2176, 47.0759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 102, 182) }
```

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

```
.background{ background-color: rgb(193,  
102, 182) }
```

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