

Converting Colors

XYZ(38.2675, 28.4924, 33.8454)

Have a look what the booklet for
XYZ(38.2675, 28.4924, 33.8454)
contains.

XYZ(38.2064, 28.4656, 34.0526)	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(38.2064, 28.4656,
34.0526)**

Conversions

Conversions Part 1

Format	Color
Hex	D0759A
RGB	208, 117, 154
RGB Percent	82%, 46%, 60%
CMY	0.1843, 0.5412, 0.3961
CMYK	0.00, 0.44, 0.26, 0.18
HSL	336°, 49%, 64%
HSV	336°, 44%, 82%
XYZ	38.2064, 28.4656, 34.0526
YIQ	148.4270, 42.3590, 30.7990

Conversions

Conversions Part 2

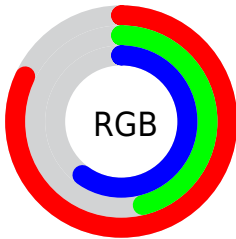
Format	Color
R _Y B	208, 117, 154
Decimal	13661594
CIE Lab	60.31, 40.10, -4.19
CIE LCh	60, 40.317, 354.031
Yxy	28.4656, 0.3793, 0.2826
Android (android.graphics.Color)	4291851674 (0xFFD0759A)
YUV	148.4270, 2.7475, 52.2455
Hunter-Lab	53.3532, 34.4565, -0.4946

Details

The XYZ color **38.2064, 28.4656, 34.0526** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **37.2440, 51.8345, 46.5727**, and the grayscale version is **28.3040, 29.7780, 32.4282**.

A 20% lighter version of the original color is **67.1881, 54.9399, 66.7378**, and **17.1589, 11.4550, 14.1386** is the 20% darker color. If you saturate the color by 10%, you get **35.0709, 23.7560, 28.1934**, and if you desaturate by 10%, it is **41.9877, 34.2970, 40.6492**.

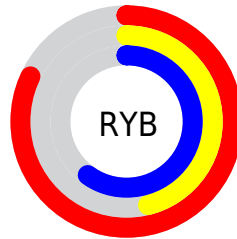
Distribution



Red (82%)

Green (46%)

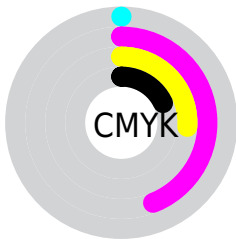
Blue (60%)



Red (82%)

Yellow (46%)

Blue (60%)

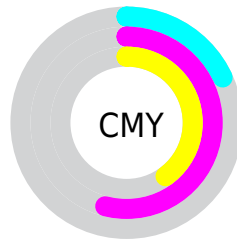


Cyan (0%)

Magenta (44%)

Yellow (26%)

Black (18%)



Cyan (18%)


Magenta (54%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.2064, 28.4656, 34.0526 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 38.2064, 28.4656, 34.0526 by changing the saturation by 10% instead.


 38.2064, 28.4656,
34.0526


 38.2064, 28.4656,
34.0526

329.7701,
294.6851, 335.1428


 26.3209, 18.6769,
22.6563

 71.7262, 57.2269,
67.1503

 17.1978, 11.4371,
14.1370


 94.0913, 76.9684,
89.6888

 10.4718, 6.3616,
8.0762


 120.6802,
100.7962, 116.7784

 5.7775, 3.0662,
4.0553

151.8583,
129.0949, 148.8378

 2.7496, 1.1664,
1.6557

187.9910,
162.2487, 186.2853

 1.0228, 0.0340,
0.3301

229.4436,

 0.0000, 0.0000,

200.6421, 229.5397

0.0000

276.5815,
244.6594, 279.0193

■ 38.2064, 28.4656,
34.0526

■ 38.2064, 28.4656,
34.0526

■ 35.0709, 23.7560,
28.1934

■ 41.9877, 34.2970,
40.6492

■ 32.5395, 20.0906,
23.0413

■ 46.4480, 41.3129,
48.0086

■ 30.5691, 17.3886,
18.5657


■ 51.6214, 49.5760,
56.1566


■ 29.1096, 15.5552,
14.7325


■ 57.5386, 59.1436,
65.1176


■ 28.1006, 14.4756,
11.5033


■ 64.2287, 70.0692,
74.9144

 27.6349, 14.0589,
9.7612

 71.7190, 82.4036,
85.5692

 77.5609, 91.2453,
96.2782

 79.4620, 92.0057,
106.2894

 79.8224, 92.1499,
108.1874

Harmonies

Analogous

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



35.9333, 28.4656, 50.9229



38.2064, 28.4656, 34.0526



37.1978, 28.4656, 20.7783

Triad

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



38.2064, 28.4656, 34.0526



23.2029, 28.4656, 11.5742



21.6227, 28.4656, 60.2478

Complementary

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



38.2064, 28.4656, 34.0526



37.2440, 51.8345, 46.5727

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.



18.9482, 28.4656, 44.1062



38.2064, 28.4656, 34.0526



19.7758, 28.4656, 17.0900

Square

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



38.2064, 28.4656, 34.0526



28.1035, 28.4656, 10.4146



18.3177, 28.4656, 28.1246



26.0342, 28.4656, 68.8485

Rectangle

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



38.2064, 28.4656, 34.0526



34.8577, 28.4656, 15.1083



18.3177, 28.4656, 28.1246



20.5145, 28.4656, 55.3167

Sweetspot

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



38.2072, 28.4670, 34.0532



82.3642, 79.4400, 89.8380



34.3433, 25.8336, 62.8508



17.2124, 16.3337, 18.5843



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.



38.2072, 28.4670, 34.0532



56.1160, 38.4244, 45.6945



36.5053, 29.2577, 20.5547



12.0051, 11.8868, 13.3027



17.2688, 8.7804, 6.3217



1.0045, 0.5065, 0.5584

Inverse Universe

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



38.2072, 28.4670, 34.0532



56.1160, 38.4244, 45.6945



39.4731, 49.8384, 67.2138



12.0051, 11.8868, 13.3027



17.2688, 8.7804, 6.3217



1.0045, 0.5065, 0.5584

Previews

White Background



This preview shows how the XYZ color 38.2064, 28.4656, 34.0526 looks on a white background.

Color Contrast Check

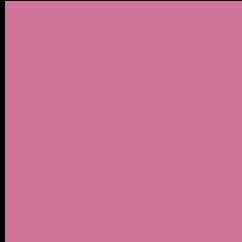
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.2064, 28.4656, 34.0526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

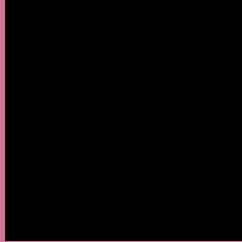
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 38.2064, 28.4656, 34.0526

Background



This preview shows how black text looks on a background with the XYZ color 38.2064, 28.4656, 34.0526.



This preview shows how white text looks on a background with the XYZ color 38.2064, 28.4656,

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

38.2064, 28.4656, 34.0526

Protanopia

28.4606, 28.8538, 42.5974

Deuteranopia

29.1304, 28.5209, 32.8239



Tritanopia

36.3202, 28.4083, 24.6882

Trichromacy



Original Color

38.2064, 28.4656, 34.0526

Protanomaly

30.9726, 28.0439, 39.3779

Deuteranomaly

31.7417, 27.9670, 33.0034

Tritanomaly

37.1088, 28.5624, 27.9833

Monochromacy



Original Color

38.2064, 28.4656, 34.0526

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

31.0282, 28.6394, 32.7467

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.2064, 28.4656, 34.0526 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(208, 117, 154)` looks like.

```
.text, #text, p{  
    color:rgb(208, 117, 154)  
}
```

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(208, 117, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 117, 154) }
```

Border

The CSS property to change the border of an element to XYZ 38.2064, 28.4656, 34.0526 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(208, 117, 154) }
```


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

```
.border{ border-color:rgb(208, 117, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 117, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 117, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 117, 154);  
box-shadow:4px 4px 4px 4px rgb(208, 117,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 38.2064, 28.4656, 34.0526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 117, 154) }
```

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

```
.background{ background-color: rgb(208,  
117, 154) }
```

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