

Converting Colors

XYZ(41.5599, 30.1336, 38.5631)

Have a look what the booklet for
XYZ(41.5599, 30.1336, 38.5631)
contains.

XYZ(41.6774, 30.1546, 38.7457)	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(41.6774, 30.1546,
38.7457)**

Conversions

Conversions Part 1

Format	Color
Hex	D975A4
RGB	217, 117, 164
RGB Percent	85%, 46%, 64%
CMY	0.1490, 0.5412, 0.3569
CMYK	0.00, 0.46, 0.24, 0.15
HSL	332°, 57%, 65%
HSV	332°, 46%, 85%
XYZ	41.6774, 30.1546, 38.7457
YIQ	152.2580, 44.5130, 35.8170

Conversions

Conversions Part 2

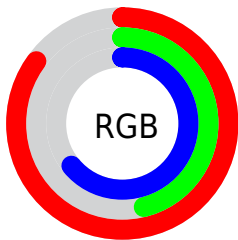
Format	Color
RYB	217, 117, 164
Decimal	14251428
CIELab	61.79, 44.57, -7.61
CIELCh	62, 45.215, 350.310
Yxy	30.1546, 0.3769, 0.2727
Android (android.graphics.Color)	4292441508 (0xFFD975A4)
YUV	152.2580, 5.7888, 56.7787
Hunter-Lab	54.9132, 39.3778, -3.3946

Details

The XYZ color **41.6774, 30.1546, 38.7457** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **39.4061, 56.3108, 46.8251**, and the grayscale version is **29.9196, 31.4777, 34.2792**.

A 20% lighter version of the original color is **68.5891, 55.5003, 74.1154**, and **19.3121, 12.4240, 16.7094** is the 20% darker color. If you saturate the color by 10%, you get **38.4437, 25.2748, 32.7728**, and if you desaturate by 10%, it is **45.5928, 36.2469, 45.4099**.

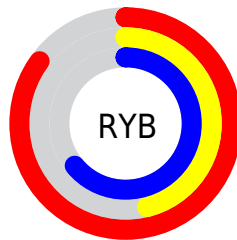
Distribution



Red (85%)

Green (46%)

Blue (64%)



Red (85%)

Yellow (46%)

Blue (64%)

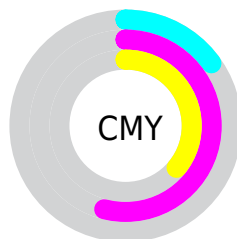


Cyan (0%)

Magenta (46%)

Yellow (24%)

Black (15%)



Cyan (15%)

Magenta (54%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.6774, 30.1546, 38.7457 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 41.6774, 30.1546, 38.7457 by changing the saturation by 10% instead.

■ 41.6774, 30.1546,
38.7457

■ 41.6774, 30.1546,
38.7457

344.1583,
302.6244, 356.2017

■ 29.0388, 19.9560,
26.2556

■ 76.9794, 59.9066,
74.4657

■ 19.2546, 12.3630,
16.7875

■ 100.3734, 80.2287,
98.5328

■ 11.9595, 6.9914,
9.9228

■ 128.0834,
104.6941, 127.2959

■ 6.7881, 3.4567,
5.2428

160.4745,
133.6873, 161.1737

■ 3.3751, 1.3746,
2.3292

197.9122,
167.5924, 200.5846

■ 1.3551, 0.1979,
0.7475

240.7619,

■ 0.2239, 0.0000,

206.7941, 245.9472

0.0000

289.3888,
251.6766, 297.6801

■ 0.0000, 0.0000,
0.0000

■ 41.6774, 30.1546,
38.7457

■ 41.6774, 30.1546,
38.7457

■ 38.4437, 25.2748,
32.7728

■ 45.5928, 36.2469,
45.4099

■ 35.8455, 21.5199,
27.4628

■ 50.2267, 43.6224,
52.7886

■ 33.8347, 18.7976,
22.7871


■ 55.6165, 52.3517,
60.9058


■ 32.3546, 16.9986,
18.7136


■ 61.7959, 62.4988,
69.7838


■ 31.3350, 15.9873,
15.2047

■ 68.7967, 74.1238,
79.4438

 31.0129, 15.7108,
13.9643

 76.6487, 87.2832,
89.9060

 80.7824, 92.8346,
99.6571

 82.4254, 93.4918,
108.3092

Harmonies

Analogous

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



38.5416, 30.1546, 58.9343



41.6774, 30.1546, 38.7457



40.9685, 30.1546, 22.6030

Triad

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



41.6774, 30.1546, 38.7457



24.8218, 30.1546, 10.4991



21.8755, 30.1546, 65.5895

Complementary

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



41.6774, 30.1546, 38.7457



39.4061, 56.3108, 46.8251

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.



19.1041, 30.1546, 45.7611



41.6774, 30.1546, 38.7457



20.6323, 30.1546, 15.8642

Square

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



41.6774, 30.1546, 38.7457



30.6573, 30.1546, 9.7726



18.6834, 30.1546, 27.5551



26.7534, 30.1546, 77.6503

Rectangle

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



41.6774, 30.1546, 38.7457



38.4433, 30.1546, 15.6952



18.6834, 30.1546, 27.5551



20.6972, 30.1546, 59.3421

Sweetspot

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



41.6783, 30.1561, 38.7463



81.8015, 78.1404, 90.1876



35.1778, 26.1322, 68.8359



17.1161, 16.0838, 18.7289



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.



41.6783, 30.1561, 38.7463



55.6483, 36.7869, 47.7030



38.3845, 29.1521, 20.4352



13.3095, 13.1529, 14.8909



18.8260, 9.5314, 8.7295



1.2629, 0.6348, 0.7935

Inverse Universe

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



41.6783, 30.1561, 38.7463



55.6483, 36.7869, 47.7030



44.2469, 57.5632, 74.4247



13.3095, 13.1529, 14.8909



18.8260, 9.5314, 8.7295



1.2629, 0.6348, 0.7935

Previews

White Background



This preview shows how the XYZ color 41.6774, 30.1546, 38.7457 looks on a white background.

Color Contrast Check

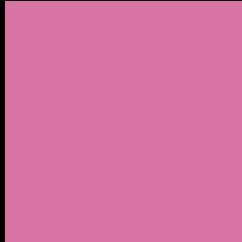
Large Text (above 18pt) WCAG AA × Fail

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 41.6774, 30.1546, 38.7457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

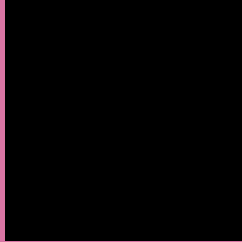
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.6774, 30.1546, 38.7457

Background



This preview shows how black text looks on a background with the XYZ color 41.6774, 30.1546, 38.7457.



This preview shows how white text looks on a background with the XYZ color 41.6774, 30.1546,

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

41.6774, 30.1546, 38.7457

Protanopia

30.2261, 30.3032, 49.6034

Deuteranopia

30.8806, 30.2276, 37.0078



Tritanopia

38.9794, 30.1280, 25.5906

Trichromacy



Original Color

41.6774, 30.1546, 38.7457

Protanomaly

33.2437, 29.5007, 45.5370

Deuteranomaly

34.1531, 29.7249, 37.6556

Tritanomaly

39.8957, 30.1354, 30.0995

Monochromacy



Original Color

41.6774, 30.1546, 38.7457

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

33.1379, 30.0956, 35.5150

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6774, 30.1546, 38.7457 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(217, 117, 164)` looks like.

```
.text, #text, p{  
    color:rgb(217, 117, 164)  
}
```

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(217, 117, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 117, 164) }
```

Border

The CSS property to change the border of an element to XYZ 41.6774, 30.1546, 38.7457 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(217, 117, 164) }
```


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

```
.border{ border-color:rgb(217, 117, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 117, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 117, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 117, 164);  
box-shadow:4px 4px 4px 4px rgb(217, 117,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6774, 30.1546, 38.7457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 117, 164) }
```

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

```
.background{ background-color: rgb(217,  
117, 164) }
```

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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