

Converting Colors

XYZ(47.1068, 41.9206, 60.1657)

Have a look what the booklet for
XYZ(47.1068, 41.9206, 60.1657)
contains.

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Color

**XYZ(47.2576, 42.0774,
60.2746)**

Conversions

Conversions Part 1

Format	Color
Hex	C9A1C8
RGB	201, 161, 200
RGB Percent	79%, 63%, 78%
CMY	0.2118, 0.3686, 0.2157
CMYK	0.00, 0.20, 0.00, 0.21
HSL	302°, 27%, 71%
HSV	302°, 20%, 79%
XYZ	47.2576, 42.0774, 60.2746
YIQ	177.4060, 11.3210, 20.6090

Conversions

Conversions Part 2

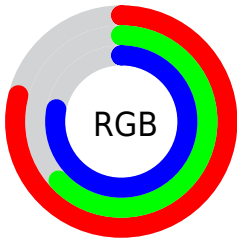
Format	Color
R _Y B	201, 161, 200
Decimal	13214152
CIE Lab	70.92, 21.44, -14.35
CIE LCh	71, 25.795, 326.201
Yxy	42.0774, 0.3159, 0.2812
Android (android.graphics.Color)	4291404232 (0xFFC9A1C8)
YUV	177.4060, 11.1388, 20.6919
Hunter-Lab	64.8671, 16.5251, -9.6854

Details

The XYZ color **47.2576, 42.0774, 60.2746** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **42.1079, 51.9603, 41.9947**, and the grayscale version is **41.9435, 44.1279, 48.0553**.

A 20% lighter version of the original color is **83.8459, 77.5917, 105.1653**, and **22.6896, 19.2156, 29.7072** is the 20% darker color. If you saturate the color by 10%, you get **43.9653, 35.5860, 58.8883**, and if you desaturate by 10%, it is **51.1172, 49.7018, 61.8520**.

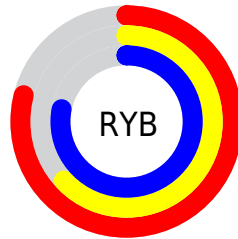
Distribution



Red (79%)

Green (63%)

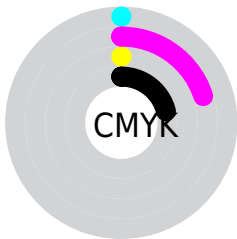
Blue (78%)



Red (79%)

Yellow (63%)

Blue (78%)

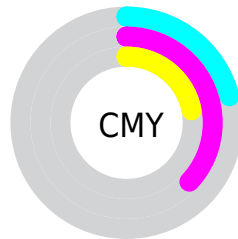


Cyan (0%)

Magenta (20%)

Yellow (0%)

Black (21%)



Cyan (21%)

Magenta (37%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.2576, 42.0774, 60.2746 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 47.2576, 42.0774, 60.2746 by changing the saturation by 10% instead.


 47.2576, 42.0774,
60.2746


 47.2576, 42.0774,
60.2746


366.4736,
354.8037, 443.4419

 33.4481, 29.1619,
43.2133


 85.3144, 78.3168,
106.7752

 22.6308, 19.2033,
29.7198

 110.2925,
102.4094, 137.0515

 14.4404, 11.8173,
19.3758

139.7241,
130.9965, 172.5699

 8.5113, 6.6194,
11.7626

173.9747,
164.4626, 213.7489

 4.4784, 3.2252,
6.4617

213.4096,
203.1919, 261.0071

 1.9762, 1.2504,
3.0545

258.3941,

 0.6205, 0.1023,

247.5690, 314.7629

1.1225

309.2937,
297.9781, 375.4350

■ 0.0000, 0.0000,
0.0000

■ 47.2576, 42.0774,
60.2746

■ 47.2576, 42.0774,
60.2746

■ 43.9653, 35.5860,
58.8883

■ 51.1172, 49.7018,
61.8520

■ 41.2097, 30.1683,
57.6813

■ 55.5656, 58.5039,
63.6260

■ 38.9628, 25.7677,
56.6448

■ 60.6274, 68.5329,
65.6056

■ 37.1928, 22.3207,
55.7683

■ 66.3252, 79.8333,
67.7981

■ 35.8642, 19.7561,
55.0398

■ 70.5694, 88.2264,
69.5070

■ 34.9365, 17.9932,
54.4460

■ 70.6293, 88.2503,
69.8220

■ 34.3621, 16.9363,
53.9708

■ 70.6893, 88.2743,
70.1381

■ 34.0514, 16.4067,
53.5845

■ 70.7495, 88.2984,
70.4553

■ 34.0486, 16.4020,
53.5807

■ 70.8099, 88.3226,
70.7734

Harmonies

Analogous

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



43.7523, 42.0774, 70.4872



47.2576, 42.0774, 60.2746



48.8144, 42.0774, 47.4003

Triad

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



47.2576, 42.0774, 60.2746



40.5430, 42.0774, 26.0325



33.0304, 42.0774, 57.0739

Complementary

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



47.2576, 42.0774, 60.2746



42.1079, 51.9603, 41.9947

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.



32.3046, 42.0774, 44.2658



47.2576, 42.0774, 60.2746



36.4560, 42.0774, 27.6987

Square

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



47.2576, 42.0774, 60.2746



44.7664, 42.0774, 28.8345



33.5144, 42.0774, 33.8755



35.5722, 42.0774, 68.4191

Rectangle

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



47.2576, 42.0774, 60.2746



48.4613, 42.0774, 39.5266



33.5144, 42.0774, 33.8755



32.5741, 42.0774, 52.7376

Sweetspot

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



47.2589, 42.0792, 60.2755



90.3003, 90.5991, 107.0132



38.1220, 37.3555, 60.4602



19.2222, 19.1828, 22.8629



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.



47.2589, 42.0792, 60.2755



78.2918, 66.8764, 102.1031



45.1060, 41.2181, 48.9384



11.0712, 10.8119, 13.3583



21.4136, 10.3150, 33.7172



1.0176, 0.4899, 1.6161

Inverse Universe

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



47.2589, 42.0792, 60.2755



78.2918, 66.8764, 102.1031



43.9952, 52.7152, 51.9334



11.0712, 10.8119, 13.3583



21.4136, 10.3150, 33.7172



1.0176, 0.4899, 1.6161

Previews

White Background



This preview shows how the XYZ color 47.2576, 42.0774, 60.2746 looks on a white background.

Color Contrast Check

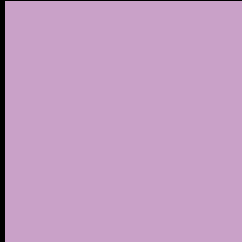
Large Text (above 18pt) WCAG AA × Fail

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 47.2576, 42.0774, 60.2746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

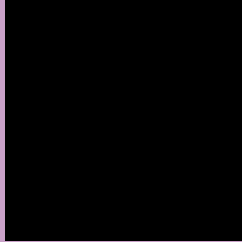
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.2576, 42.0774, 60.2746

Background



This preview shows how black text looks on a background with the XYZ color 47.2576, 42.0774, 60.2746.



This preview shows how white text looks on a background with the XYZ color 47.2576, 42.0774,

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

47.2576, 42.0774, 60.2746

Protanopia

41.7409, 42.1170, 64.9609

Deuteranopia

42.9714, 42.0369, 59.2752



Tritanopia

44.7797, 42.1304, 47.8913

Trichromacy



Original Color

47.2576, 42.0774, 60.2746

Protanomaly

43.4921, 41.9486, 62.9313

Deuteranomaly

44.4385, 41.9608, 59.7899

Tritanomaly

45.6916, 42.2382, 52.1990

Monochromacy



Original Color

47.2576, 42.0774, 60.2746

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

43.5696, 43.0677, 51.9155

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.2576, 42.0774, 60.2746 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(201, 161, 200)` looks like.

```
.text, #text, p{  
    color:rgb(201, 161, 200)  
}
```

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(201, 161, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 161, 200) }
```

Border

The CSS property to change the border of an element to XYZ 47.2576, 42.0774, 60.2746 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(201, 161, 200) }
```


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

```
.border{ border-color:rgb(201, 161, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 161, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 161, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 161, 200);  
box-shadow:4px 4px 4px 4px rgb(201, 161,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 47.2576, 42.0774, 60.2746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 161, 200) }
```

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

```
.background{ background-color: rgb(201,  
161, 200) }
```

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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