

Converting Colors

XYZ(46.2770, 45.7228, 42.0739)

Have a look what the booklet for
XYZ(46.2770, 45.7228, 42.0739)
contains.

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Color

**XYZ(46.2089, 45.7941,
42.0010)**

Conversions

Conversions Part 1

Format	Color
Hex	C9AFA5
RGB	201, 175, 165
RGB Percent	79%, 69%, 65%
CMY	0.2118, 0.3137, 0.3529
CMYK	0.00, 0.13, 0.18, 0.21
HSL	17°, 25%, 72%
HSV	17°, 18%, 79%
XYZ	46.2089, 45.7941, 42.0010
YIQ	181.6340, 18.7060, 2.4020

Conversions

Conversions Part 2

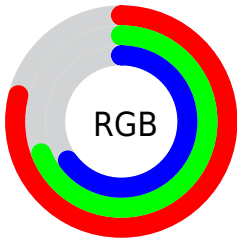
Format	Color
R _Y B	201, 179, 165
Decimal	13217701
CIE Lab	73.41, 7.76, 8.57
CIE LCh	73, 11.561, 47.830
Yxy	45.7941, 0.3448, 0.3417
Android (android.graphics.Color)	4291407781 (0xFFC9AFA5)
YUV	181.6340, -8.2006, 16.9840
Hunter-Lab	67.6713, 3.4626, 10.5709

Details

The XYZ color **46.2089, 45.7941, 42.0010** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.6901, 49.4768, 62.4532**, and the grayscale version is **44.3015, 46.6086, 50.7568**.

A 20% lighter version of the original color is **82.7342, 83.5791, 79.4820**, and **22.0962, 21.5612, 18.6199** is the 20% darker color. If you saturate the color by 10%, you get **41.8468, 39.7709, 32.2192**, and if you desaturate by 10%, it is **51.1648, 52.5438, 53.4004**.

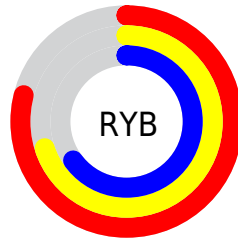
Distribution



Red (79%)

Green (69%)

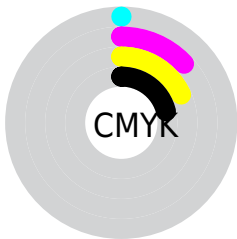
Blue (65%)



Red (79%)

Yellow (70%)

Blue (65%)

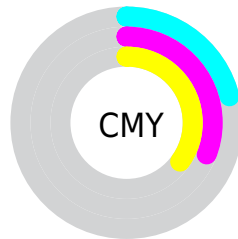


Cyan (0%)

Magenta (13%)

Yellow (18%)

Black (21%)



Cyan (21%)


Magenta (31%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.2089, 45.7941, 42.0010 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 46.2089, 45.7941, 42.0010 by changing the saturation by 10% instead.


 46.2089, 45.7941,
42.0010

 46.2089, 45.7941,
42.0010


362.3497,
369.9802, 370.2869

 32.6160, 32.0834,
28.7765


 83.7575, 83.9108,
79.4712

 21.9903, 21.4252,
18.6677


 108.4439,
109.0855, 104.5541

 13.9663, 13.4352,
11.2560


137.5589,
138.8503, 134.4267

 8.1788, 7.7289,
6.1230

171.4678,
173.5897, 169.5078

 4.2623, 3.9220,
2.8500

210.5360,
213.6880, 210.2158

 1.8516, 1.6300,
1.0186

255.1288,

 0.5485, 0.3777,

259.5296, 256.9693

0.0000

305.6116,
311.4989, 310.1868

■ 0.0000, 0.0000,
0.0000

■ 46.2089, 45.7941,
42.0010

■ 46.2089, 45.7941,
42.0010

■ 41.8468, 39.7709,
32.2192

■ 51.1648, 52.5438,
53.4004

■ 38.0517, 34.4436,
23.9783

■ 56.7323, 60.0370,
66.4834

■ 34.8004, 29.7882,
17.1997

■ 62.9332, 68.2981,
81.3159

■ 32.0665, 25.7774,
11.7969

■ 69.7871, 77.3482,
97.9595

■ 29.8213, 22.3815,
7.6739

■ 75.5752, 86.5129,
107.3232

■ 28.0327, 19.5685,
4.7222

■ 77.8975, 91.1576,
108.0973

■ 26.6647, 17.3031,
2.8151

■ 25.6688, 15.5433,
1.7679

■ 25.4947, 15.2319,
1.5963

Harmonies

Analogous

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



47.3624, 45.7941, 46.5052



46.2089, 45.7941, 42.0010



44.3569, 45.7941, 39.6801

Triad

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



46.2089, 45.7941, 42.0010



39.8080, 45.7941, 47.5343



44.7364, 45.7941, 61.3221

Complementary

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



46.2089, 45.7941, 42.0010



44.6901, 49.4768, 62.4532

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.



42.7054, 45.7941, 61.6518



46.2089, 45.7941, 42.0010



39.9024, 45.7941, 53.3765

Square

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



46.2089, 45.7941, 42.0010



40.6868, 45.7941, 42.7036



40.9489, 45.7941, 58.6473



46.4942, 45.7941, 57.7787

Rectangle

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



46.2089, 45.7941, 42.0010



42.9944, 45.7941, 39.5535



40.9489, 45.7941, 58.6473



44.0618, 45.7941, 61.8219

Sweetspot

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



46.2101, 45.7962, 42.0020



90.1975, 93.4716, 97.4893



46.9911, 43.1076, 55.3656



19.1647, 19.8161, 20.5364



0.0000, 0.0000, 0.0000



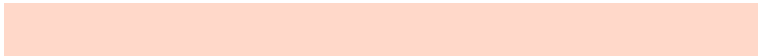
20.3446, 21.4041, 23.3091

Same Dimension

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



46.2101, 45.7962, 42.0020



76.4764, 74.7797, 65.9395



49.8610, 53.0979, 43.2189



10.8698, 11.1088, 11.1341



16.0971, 9.7113, 1.0261



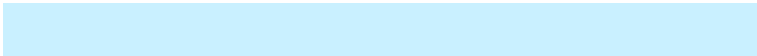
0.8248, 0.5851, 0.0695

Inverse Universe

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



44.6901, 49.4768, 62.4532



73.4537, 82.0903, 106.5813



41.0806, 42.2578, 61.2500



10.6879, 11.5500, 13.5835



13.0894, 15.5728, 37.0603



0.6784, 0.8546, 1.7743

Previews

White Background



This preview shows how the XYZ color 46.2089, 45.7941, 42.0010 looks on a white background.

Color Contrast Check

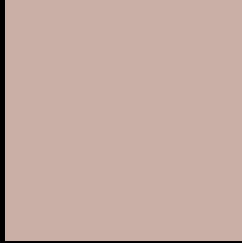
Large Text (above 18pt) WCAG AA × Fail

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 46.2089, 45.7941, 42.0010 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 46.2089, 45.7941, 42.0010

Background



This preview shows how black text looks on a background with the XYZ color 46.2089, 45.7941, 42.0010.



This preview shows how white text looks on a background with the XYZ color 46.2089, 45.7941,

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

46.2089, 45.7941, 42.0010

Protanopia

43.8827, 46.0345, 43.6185

Deuteranopia

46.5562, 45.6852, 41.9617



Tritanopia

48.4113, 45.8452, 52.1964

Trichromacy



Original Color

46.2089, 45.7941, 42.0010

Protanomaly

44.6337, 45.8373, 43.0542

Deuteranomaly

46.2847, 45.5453, 41.9490

Tritanomaly

47.6081, 45.7980, 48.4502

Monochromacy



Original Color

46.2089, 45.7941, 42.0010

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

44.9428, 46.1936, 47.6218

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.2089, 45.7941, 42.0010 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, 175, 165)` looks like.

```
.text, #text, p{  
    color:rgb(201, 175, 165)  
}
```

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, 175, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 175, 165) }
```

Border

The CSS property to change the border of an element to XYZ 46.2089, 45.7941, 42.0010 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, 175, 165) }
```


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

```
.border{ border-color:rgb(201, 175, 165) }
```

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

Here you see how a box with a 4 pixel rgb(201, 175, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 175, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 175, 165);  
box-shadow:4px 4px 4px 4px rgb(201, 175,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 46.2089, 45.7941, 42.0010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 175, 165) }
```

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

```
.background{ background-color: rgb(201,  
175, 165) }
```

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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