

Converting Colors

XYZ(46.0409, 46.5015, 42.4936)

Have a look what the booklet for
XYZ(46.0409, 46.5015, 42.4936)
contains.

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Color

**XYZ(46.0920, 46.5997,
42.6417)**

Conversions

Conversions Part 1

Format	Color
Hex	C6B2A6
RGB	198, 178, 166
RGB Percent	78%, 70%, 65%
CMY	0.2235, 0.3019, 0.3490
CMYK	0.00, 0.10, 0.16, 0.22
HSL	23°, 22%, 71%
HSV	23°, 16%, 78%
XYZ	46.0920, 46.5997, 42.6417
YIQ	182.6120, 15.7720, 0.5080

Conversions

Conversions Part 2

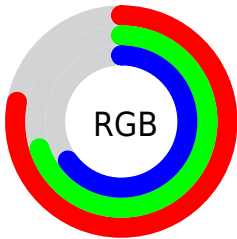
Format	Color
R _Y B	198, 185, 166
Decimal	13021862
CIE Lab	73.93, 5.18, 8.73
CIE LCh	74, 10.153, 59.306
Yxy	46.5997, 0.3406, 0.3443
Android (android.graphics.Color)	4291211942 (0xFFC6B2A6)
YUV	182.6120, -8.1897, 13.4953
Hunter-Lab	68.2640, 1.0617, 10.7488

Details

The XYZ color **46.0920, 46.5997, 42.6417** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.4776, 47.3009, 60.2649**, and the grayscale version is **44.8357, 47.1706, 51.3688**.

A 20% lighter version of the original color is **83.7140, 85.3261, 80.4640**, and **21.8725, 21.8114, 18.9768** is the 20% darker color. If you saturate the color by 10%, you get **42.0623, 41.2263, 33.0168**, and if you desaturate by 10%, it is **50.6260, 52.5332, 53.8154**.

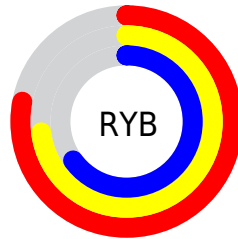
Distribution



Red (78%)

Green (70%)

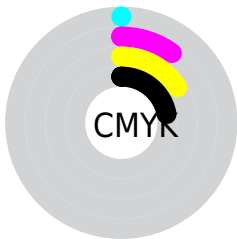
Blue (65%)



Red (78%)

Yellow (73%)

Blue (65%)

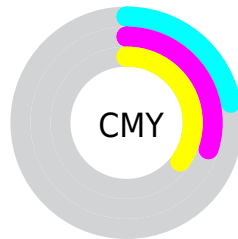


Cyan (0%)

Magenta (10%)

Yellow (16%)

Black (22%)



Cyan (22%)


Magenta (30%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.0920, 46.5997, 42.6417 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 46.0920, 46.5997, 42.6417 by changing the saturation by 10% instead.


 46.0920, 46.5997,
42.6417


 46.0920, 46.5997,
42.6417


361.8881,
373.2144, 373.0140

 32.5234, 32.7193,
29.2748


 83.5837, 85.1158,
80.4504

 21.9190, 21.9115,
19.0414


 108.2374,
110.5203, 105.7293

 13.9137, 13.7919,
11.5231


137.3169,
140.5349, 135.8160

 8.1420, 7.9761,
6.3013

171.1876,
175.5442, 171.1289

 4.2385, 4.0796,
2.9574

210.2146,
215.9323, 212.0866

 1.8379, 1.7182,
1.0729

254.7635,

 0.5404, 0.4354,

262.0838, 259.1076

0.0000

305.1996,
314.3831, 312.6106

■ 0.0000, 0.0000,
0.0000

■ 46.0920, 46.5997,
42.6417

■ 46.0920, 46.5997,
42.6417

■ 42.0623, 41.2263,
33.0168

■ 50.6260, 52.5332,
53.8154

■ 38.5144, 36.3901,
24.8687

■ 55.6781, 59.0367,
66.5996

■ 35.4299, 32.0754,
18.1240

■ 61.2661, 66.1275,
81.0565

■ 32.7874, 28.2635,
12.7016

■ 67.4059, 73.8204,
97.2437

■ 30.5637, 24.9345,
8.5123

■ 72.4602, 81.4685,
106.5137

■ 28.7331, 22.0668,
5.4556

■ 76.2250, 88.9981,
107.7686

■ 27.2664, 19.6369,
3.4146

■ 77.0989, 90.7458,
108.0599

■ 26.1282, 17.6178,
2.2417

■ 25.7560, 16.9400,
1.9123

Harmonies

Analogous

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



47.3964, 46.5997, 46.0151



46.0920, 46.5997, 42.6417



44.3338, 46.5997, 41.4109

Triad

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



46.0920, 46.5997, 42.6417



40.9019, 46.5997, 50.6186



46.0171, 46.5997, 59.9366

Complementary

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



46.0920, 46.5997, 42.6417



43.4776, 47.3009, 60.2649

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.



44.2495, 46.5997, 61.3726



46.0920, 46.5997, 42.6417



41.3255, 46.5997, 55.7760

Square

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



46.0920, 46.5997, 42.6417



41.3658, 46.5997, 45.8195



42.5387, 46.5997, 59.8018



47.3523, 46.5997, 55.9989

Rectangle

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



46.0920, 46.5997, 42.6417



43.1509, 46.5997, 41.9017



42.5387, 46.5997, 59.8018



45.4523, 46.5997, 60.7393

Sweetspot

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



46.0933, 46.6018, 42.6427



90.5754, 94.2274, 97.6153



45.8167, 42.8353, 52.4569



19.2564, 19.9994, 20.5670



0.0000, 0.0000, 0.0000



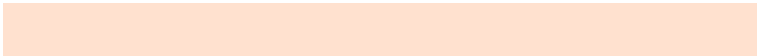
20.3446, 21.4041, 23.3091

Same Dimension

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



46.0933, 46.6018, 42.6427



79.2983, 79.4446, 69.8983



49.4045, 53.2243, 43.7464



10.9544, 11.2780, 11.1623



16.8257, 11.1686, 1.2689



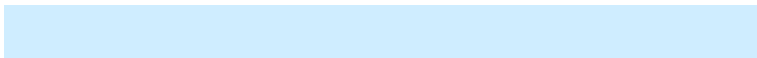
0.8661, 0.6677, 0.0832

Inverse Universe

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



43.4776, 47.3009, 60.2649



73.8903, 80.8880, 106.3263



40.3443, 41.0344, 59.2205



10.5995, 11.3730, 13.5541



11.3783, 12.1505, 36.4899



0.6067, 0.7112, 1.7504

Previews

White Background



This preview shows how the XYZ color 46.0920, 46.5997, 42.6417 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 46.0920, 46.5997, 42.6417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

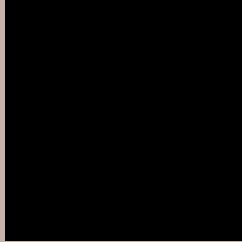
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.0920, 46.5997, 42.6417

Background



This preview shows how black text looks on a background with the XYZ color 46.0920, 46.5997, 42.6417.



This preview shows how white text looks on a background with the XYZ color 46.0920, 46.5997,

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

46.0920, 46.5997, 42.6417

Protanopia

44.3308, 46.5663, 43.6975

Deuteranopia

47.4819, 46.4291, 43.0184



Tritanopia

48.4945, 46.7083, 54.0366

Trichromacy



Original Color

46.0920, 46.5997, 42.6417

Protanomaly

45.0345, 46.6390, 43.1879

Deuteranomaly

46.8575, 46.3972, 43.0451

Tritanomaly

47.5830, 46.6253, 49.6717

Monochromacy



Original Color

46.0920, 46.5997, 42.6417

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

45.1987, 46.9134, 48.2679

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.0920, 46.5997, 42.6417 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(198, 178, 166)` looks like.

```
.text, #text, p{  
    color:rgb(198, 178, 166)  
}
```

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(198, 178, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 178, 166) }
```

Border

The CSS property to change the border of an element to XYZ 46.0920, 46.5997, 42.6417 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(198, 178, 166) }
```


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

```
.border{ border-color:rgb(198, 178, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 178, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 178, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 178, 166);  
box-shadow:4px 4px 4px 4px rgb(198, 178,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 46.0920, 46.5997, 42.6417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 178, 166) }
```

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

```
.background{ background-color: rgb(198,  
178, 166) }
```

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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