

Converting Colors

XYZ(42.0417, 46.0955, 36.3876)

Have a look what the booklet for
XYZ(42.0417, 46.0955, 36.3876)
contains.

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Color

**XYZ(42.1294, 46.2013,
36.4030)**

Conversions

Conversions Part 1

Format	Color
Hex	B7B798
RGB	183, 183, 152
RGB Percent	72%, 72%, 60%
CMY	0.2824, 0.2823, 0.4039
CMYK	0.00, 0.00, 0.17, 0.28
HSL	60°, 18%, 66%
HSV	60°, 17%, 72%
XYZ	42.1294, 46.2013, 36.4030
YIQ	179.4660, 9.9510, -9.6410

Conversions

Conversions Part 2

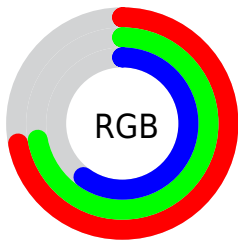
Format	Color
RYB	152, 183, 152
Decimal	12040088
CIELab	73.68, -5.31, 15.80
CIELCh	74, 16.670, 108.558
Yxy	46.2013, 0.3378, 0.3704
Android (android.graphics.Color)	4290230168 (0xFFB7B798)
YUV	179.4660, -13.5407, 3.0993
Hunter-Lab	67.9715, -8.3142, 15.8266

Details

The XYZ color **42.1294, 46.2013, 36.4030** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.7262, 32.5520, 49.3607**, and the grayscale version is **43.1639, 45.4117, 49.4534**.

A 20% lighter version of the original color is **77.6037, 84.5400, 70.6202**, and **19.5375, 21.6507, 15.4612** is the 20% darker color. If you saturate the color by 10%, you get **40.7446, 45.6489, 29.1087**, and if you desaturate by 10%, it is **43.7479, 46.8503, 44.9174**.

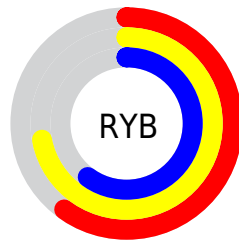
Distribution



Red (72%)

Green (72%)

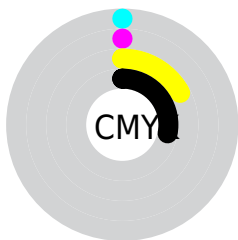
Blue (60%)



Red (60%)

Yellow (72%)

Blue (60%)

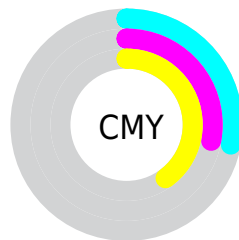


Cyan (0%)

Magenta (0%)

Yellow (17%)

Black (28%)



Cyan (28%)

Magenta (28%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.1294, 46.2013, 36.4030 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 42.1294, 46.2013, 36.4030 by changing the saturation by 10% instead.

■ 42.1294, 46.2013,
36.4030

■ 42.1294, 46.2013,
36.4030

346.0016,
371.6174, 345.8091

■ 29.3942, 32.4047,
24.4534

■ 77.6594, 84.5202,
70.8297

■ 19.5250, 21.6708,
15.4550

■ 101.1848,
109.8113, 94.1439

■ 12.1565, 13.6152,
8.9892

129.0377,
139.7026, 122.0833

■ 6.9233, 7.8535,
4.6374

161.5835,
174.5786, 155.0667

■ 3.4601, 4.0014,
1.9811

199.1873,
214.8237, 193.5124

■ 1.4015, 1.6743,
0.5436

242.2148,

■ 0.2573, 0.4070,

260.8223, 237.8390

0.0000

291.0311,
312.9587, 288.4650

■ 0.0000, 0.0000,
0.0000

■ 42.1294, 46.2013,
36.4030

■ 42.1294, 46.2013,
36.4030

■ 40.7446, 45.6489,
29.1087

■ 43.7479, 46.8503,
44.9174

■ 39.5794, 45.1827,
22.9758

■ 45.6065, 47.5938,
54.7009

■ 38.6235, 44.8003,
17.9454

■ 47.7155, 48.4375,
65.8037

■ 37.8645, 44.4966,
13.9520

■ 50.0839, 49.3849,
78.2722

■ 37.2887, 44.2662,
10.9234

■ 52.7200, 50.4395,
92.1506

■ 36.8807, 44.1029,
8.7781

■ 54.5168, 51.1582,
101.6089

■ 36.6224, 43.9995,
7.4212

■ 54.5174, 51.1586,
101.6090

■ 36.4886, 43.9460,
6.7200

■ 54.5181, 51.1589,
101.6090

■ 36.4578, 43.9336,
6.5585

■ 54.5187, 51.1592,
101.6090

Harmonies

Analogous

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



45.0497, 46.2013, 35.9833



42.1294, 46.2013, 36.4030



39.7901, 46.2013, 40.2863

Triad

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



42.1294, 46.2013, 36.4030



40.2589, 46.2013, 63.5153



49.7202, 46.2013, 53.6026

Complementary

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



42.1294, 46.2013, 36.4030



32.7262, 32.5520, 49.3607

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.



48.3112, 46.2013, 61.8615



42.1294, 46.2013, 36.4030



42.7955, 46.2013, 67.9981

Square

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



42.1294, 46.2013, 36.4030



38.7441, 46.2013, 55.6638



45.7461, 46.2013, 67.3610



49.5222, 46.2013, 45.3023

Rectangle

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



42.1294, 46.2013, 36.4030



38.8341, 46.2013, 44.5887



45.7461, 46.2013, 67.3610



49.4164, 46.2013, 56.4909

Sweetspot

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



42.1306, 46.2033, 36.4040



78.9328, 84.1376, 83.5235



36.4257, 34.7919, 34.5020



17.3847, 18.5638, 18.1892



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



42.1306, 46.2033, 36.4040



74.5642, 82.3899, 60.5278



38.6450, 44.4064, 36.2409



9.7501, 10.5033, 9.6204



25.4321, 30.6471, 4.5751



0.8966, 1.0804, 0.1613

Inverse Universe

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



32.7262, 32.5520, 49.3607



54.8279, 53.7409, 87.7190



35.8191, 34.1464, 49.5054



8.5213, 8.7196, 11.3134



5.9630, 2.3852, 31.3992



0.2103, 0.0841, 1.1069

Previews

White Background



This preview shows how the XYZ color 42.1294, 46.2013, 36.4030 looks on a white background.

Color Contrast Check

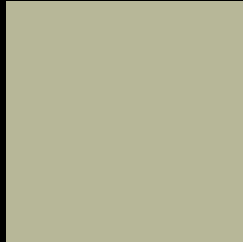
Large Text (above 18pt) WCAG AA × Fail

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 42.1294, 46.2013, 36.4030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

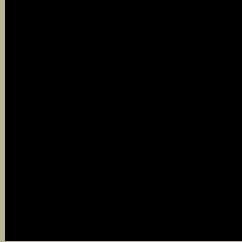
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

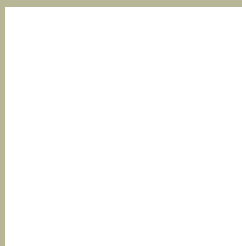
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.1294, 46.2013, 36.4030

Background



This preview shows how black text looks on a background with the XYZ color 42.1294, 46.2013, 36.4030.



This preview shows how white text looks on a background with the XYZ color 42.1294, 46.2013,

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

42.1294, 46.2013, 36.4030

Protanopia

43.5956, 46.3585, 35.9285

Deuteranopia

46.9812, 46.0151, 36.9775



Tritanopia

45.8651, 45.8972, 55.7319

Trichromacy



Original Color

42.1294, 46.2013, 36.4030

Protanomaly

43.0529, 46.3816, 35.9616

Deuteranomaly

45.0251, 45.8863, 36.6209

Tritanomaly

44.3056, 45.8536, 48.1105

Monochromacy



Original Color

42.1294, 46.2013, 36.4030

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.3051, 45.2104, 44.0329

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.1294, 46.2013, 36.4030 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(183, 183, 152)` looks like.

```
.text, #text, p{  
    color:rgb(183, 183, 152)  
}
```

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(183, 183, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 183, 152) }
```

Border

The CSS property to change the border of an element to XYZ 42.1294, 46.2013, 36.4030 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(183, 183, 152) }
```


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

```
.border{ border-color:rgb(183, 183, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 183, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 183, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 183, 152);  
box-shadow:4px 4px 4px 4px rgb(183, 183,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 42.1294, 46.2013, 36.4030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 183, 152) }
```

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

```
.background{ background-color: rgb(183,  
183, 152) }
```

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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