

Converting Colors

XYZ(46.0592, 48.3842, 41.3095)

Have a look what the booklet for
XYZ(46.0592, 48.3842, 41.3095)
contains.

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Color

**XYZ(46.1678, 48.4917,
41.1090)**

Conversions

Conversions Part 1

Format	Color
Hex	C3B8A2
RGB	195, 184, 162
RGB Percent	76%, 72%, 64%
CMY	0.2353, 0.2784, 0.3647
CMYK	0.00, 0.06, 0.17, 0.24
HSL	40°, 22%, 70%
HSV	40°, 17%, 76%
XYZ	46.1678, 48.4917, 41.1090
YIQ	184.7810, 13.6180, -4.5100

Conversions

Conversions Part 2

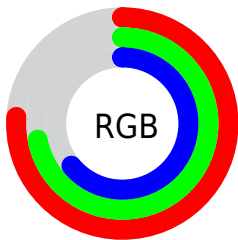
Format	Color
RYB	179, 195, 162
Decimal	12826786
CIELab	75.13, 0.22, 12.58
CIELCh	75, 12.578, 88.992
Yxy	48.4917, 0.3400, 0.3572
Android (android.graphics.Color)	4291016866 (0xFFC3B8A2)
YUV	184.7810, -11.2310, 8.9621
Hunter-Lab	69.6360, -3.5197, 13.7438

Details

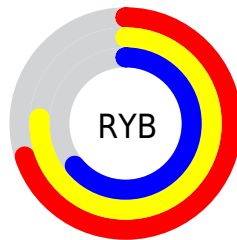
The XYZ color **46.1678, 48.4917, 41.1090** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **39.6942, 41.5080, 57.5500**, and the grayscale version is **46.0486, 48.4467, 52.7585**.

A 20% lighter version of the original color is **83.8294, 88.0254, 78.2180**, and **21.9153, 23.0211, 18.0403** is the 20% darker color. If you saturate the color by 10%, you get **43.2486, 45.2152, 32.2370**, and if you desaturate by 10%, it is **49.4205, 52.0041, 51.4195**.

Distribution



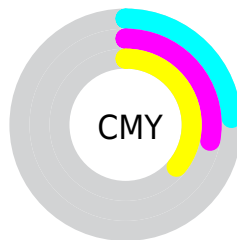
- Red (76%)
- Green (72%)
- Blue (64%)



- Red (70%)
- Yellow (76%)
- Blue (64%)



- Cyan (0%)
- Magenta (6%)
- Yellow (17%)
- Black (24%)



- Cyan (24%)
- Magenta (28%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.1678, 48.4917, 41.1090 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 46.1678, 48.4917, 41.1090 by changing the saturation by 10% instead.

■ 46.1678, 48.4917,
41.1090

■ 46.1678, 48.4917,
41.1090

362.1875,
380.7378, 366.4661

■ 32.5834, 34.2164,
28.0839

■ 83.6964, 87.9360,
78.1048

■ 21.9652, 23.0599,
18.1493

■ 108.3713,
113.8739, 102.9126

■ 13.9478, 14.6378,
10.8867

137.4739,
144.4681, 132.4851

■ 8.1658, 8.5656,
5.8775

171.3693,
180.1030, 167.2407

■ 4.2539, 4.4589,
2.7031

210.4230,
221.1631, 207.5981

■ 1.8468, 1.9334,
0.9450

255.0004,

■ 0.5456, 0.5684,

268.0326, 253.9758

0.0000

305.4668,
321.0961, 306.7923

■ 0.0000, 0.0000,
0.0000

■ 46.1678, 48.4917,
41.1090

■ 46.1678, 48.4917,
41.1090

■ 43.2486, 45.2152,
32.2370

■ 49.4205, 52.0041,
51.4195

■ 40.6457, 42.1615,
24.7351

■ 53.0151, 55.7521,
63.2264

■ 38.3464, 39.3258,
18.5339

■ 56.9646, 59.7438,
76.5885

■ 36.3353, 36.7006,
13.5566

■ 61.2800, 63.9849,
91.5601

■ 34.5954, 34.2776,
9.7185

■ 65.2386, 68.1875,
104.3308

■ 33.1076, 32.0478,
6.9236

■ 66.9414, 71.5933,
104.8984

■ 31.8500, 30.0010,
5.0604

■ 68.7109, 75.1323,
105.4883

■ 30.7930, 28.1238,
3.9778

■ 70.5478, 78.8061,
106.1006

■ 30.4915, 27.5734,
3.7151

■ 72.4528, 82.6159,
106.7355

Harmonies

Analogous

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



48.4085, 48.4917, 42.6600



46.1678, 48.4917, 41.1090



43.9771, 48.4917, 42.4668

Triad

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



46.1678, 48.4917, 41.1090



42.3248, 48.4917, 59.1866



49.9897, 48.4917, 59.6043

Complementary

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



46.1678, 48.4917, 41.1090



39.6942, 41.5080, 57.5500

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.



48.2693, 48.4917, 64.6847



46.1678, 48.4917, 41.1090



43.8465, 48.4917, 64.4298

Square

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



46.1678, 48.4917, 41.1090



41.8034, 48.4917, 52.5766



46.0121, 48.4917, 66.5189



50.6599, 48.4917, 53.0225

Rectangle

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



46.1678, 48.4917, 41.1090



42.8289, 48.4917, 44.9086



46.0121, 48.4917, 66.5189



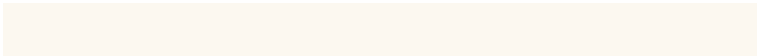
49.5123, 48.4917, 61.5638

Sweetspot

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



46.1691, 48.4939, 41.1100



89.6530, 94.3455, 95.7891



42.9695, 40.4606, 45.0808



19.5355, 20.5577, 20.6600



0.0000, 0.0000, 0.0000



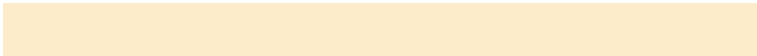
20.3446, 21.4041, 23.3091

Same Dimension

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



46.1691, 48.4939, 41.1100



80.8517, 84.8175, 67.9623



47.1478, 52.5223, 41.8360



10.6215, 11.1745, 10.6590



19.8975, 18.0807, 2.4412



0.9209, 0.9036, 0.1259

Inverse Universe

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



39.6942, 41.5080, 57.5500



67.2637, 70.1584, 102.4665



38.8135, 38.0516, 56.9293



9.7964, 10.2842, 12.7535



7.6997, 5.1559, 34.1460



0.3968, 0.3511, 1.4967

Previews

White Background



This preview shows how the XYZ color 46.1678, 48.4917, 41.1090 looks on a white background.

Color Contrast Check

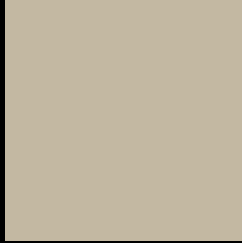
Large Text (above 18pt) WCAG AA × Fail

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 46.1678, 48.4917, 41.1090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

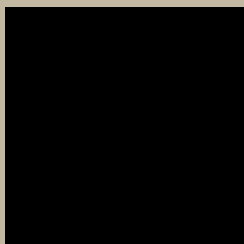
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

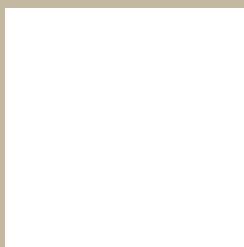
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.1678, 48.4917, 41.1090

Background



This preview shows how black text looks on a background with the XYZ color 46.1678, 48.4917, 41.1090.



This preview shows how white text looks on a background with the XYZ color 46.1678, 48.4917,

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

46.1678, 48.4917, 41.1090

Protanopia

45.9102, 48.3589, 41.0969

Deuteranopia

49.3952, 48.3340, 41.3763



Tritanopia

49.4109, 48.2774, 57.7532

Trichromacy



Original Color

46.1678, 48.4917, 41.1090

Protanomaly

45.9102, 48.3589, 41.0969

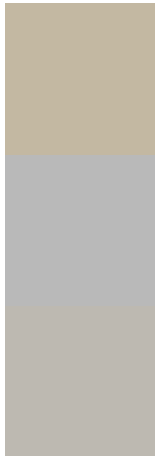
Deuteranomaly

48.1090, 48.2660, 41.4310

Tritanomaly

48.2561, 48.4309, 51.0607

Monochromacy



Original Color

46.1678, 48.4917, 41.1090

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.2710, 48.6911, 48.5545

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.1678, 48.4917, 41.1090 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(195, 184, 162) looks like.

```
.text, #text, p{  
    color:rgb(195, 184, 162)  
}
```

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(195, 184, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 184, 162) }
```

Border

The CSS property to change the border of an element to XYZ 46.1678, 48.4917, 41.1090 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(195, 184, 162) }
```


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

```
.border{ border-color:rgb(195, 184, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 184, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 184, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 184, 162);  
box-shadow:4px 4px 4px 4px rgb(195, 184,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 46.1678, 48.4917, 41.1090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 184, 162) }
```

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

```
.background{ background-color: rgb(195,  
184, 162) }
```

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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