

Converting Colors

XYZ(46.1018, 47.4017, 41.8243)

Have a look what the booklet for
XYZ(46.1018, 47.4017, 41.8243)
contains.

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Color

**XYZ(46.2507, 47.5984,
41.8717)**

Conversions

Conversions Part 1

Format	Color
Hex	C5B5A4
RGB	197, 181, 164
RGB Percent	77%, 71%, 64%
CMY	0.2274, 0.2902, 0.3569
CMYK	0.00, 0.08, 0.17, 0.23
HSL	31°, 22%, 71%
HSV	31°, 17%, 77%
XYZ	46.2507, 47.5984, 41.8717
YIQ	183.8460, 14.9930, -1.8950

Conversions

Conversions Part 2

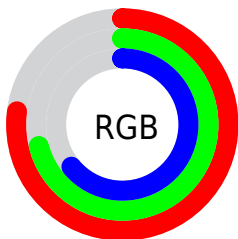
Format	Color
R _Y B	195, 197, 164
Decimal	12957092
CIE Lab	74.57, 2.88, 10.72
CIE LCh	75, 11.098, 74.941
Yxy	47.5984, 0.3408, 0.3507
Android (android.graphics.Color)	4291147172 (0xFFC5B5A4)
YUV	183.8460, -9.7841, 11.5361
Hunter-Lab	68.9916, -1.0722, 12.3104

Details

The XYZ color **46.2507, 47.5984, 41.8717** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **41.7090, 44.5654, 59.2275**, and the grayscale version is **45.5225, 47.8932, 52.1557**.

A 20% lighter version of the original color is **83.9434, 86.7537, 79.3387**, and **21.9715, 22.4478, 18.5041** is the 20% darker color. If you saturate the color by 10%, you get **42.7324, 43.1915, 32.5910**, and if you desaturate by 10%, it is **50.1803, 52.3860, 52.6502**.

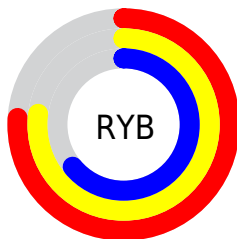
Distribution



Red (77%)

Green (71%)

Blue (64%)



Red (76%)

Yellow (77%)

Blue (64%)

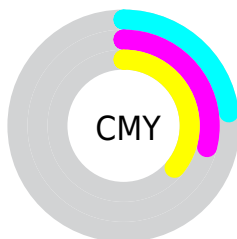


Cyan (0%)

Magenta (8%)

Yellow (17%)

Black (23%)



Cyan (23%)

Magenta (29%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.2507, 47.5984, 41.8717 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 46.2507, 47.5984, 41.8717 by changing the saturation by 10% instead.


 46.2507, 47.5984,
41.8717


 46.2507, 47.5984,
41.8717


362.5147,
377.1981, 369.7348

 32.6492, 33.5090,
28.6760


 83.8196, 86.6062,
79.2734

 22.0158, 22.5166,
18.5924


 108.5177,
112.2933, 104.3165

 13.9851, 14.2370,
11.2023


137.6454,
142.6151, 134.1458

 8.1920, 8.2857,
6.0872

171.5680,
177.9559, 169.1799

 4.2709, 4.2783,
2.8285

210.6509,
218.7003, 209.8373

 1.8565, 1.8304,
1.0078

255.2594,

 0.5514, 0.5060,

265.2325, 256.5366

0.0000

305.7589,
317.9369, 309.6962

■ 0.0000, 0.0000,
0.0000

■ 46.2507, 47.5984,
41.8717

■ 46.2507, 47.5984,
41.8717

■ 42.7324, 43.1915,
32.5910

■ 50.1803, 52.3860,
52.6502

■ 39.6062, 39.1485,
24.7377

■ 54.5318, 57.5579,
64.9868

■ 36.8571, 35.4608,
18.2400

■ 59.3201, 63.1255,
78.9419

■ 34.4675, 32.1167,
13.0188

■ 64.5582, 69.0981,
94.5718

■ 32.4178, 29.1038,
8.9864

■ 69.0267, 74.9916,
105.4445

■ 30.6866, 26.4086,
6.0442

■ 71.7383, 80.4147,
106.3483

■ 29.2491, 24.0161,
4.0772

■ 74.5975, 86.1330,
107.3014

■ 28.0732, 21.9084,
2.9329

■ 76.8362, 90.6104,
108.0476

■ 27.7293, 21.2767,
2.6453

Harmonies

Analogous

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



48.0272, 47.5984, 44.4064



46.2507, 47.5984, 41.8717



44.2534, 47.5984, 41.8666

Triad

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



46.2507, 47.5984, 41.8717



41.6145, 47.5984, 54.7280



48.0214, 47.5984, 60.0481

Complementary

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



46.2507, 47.5984, 41.8717



41.7090, 44.5654, 59.2275

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.



46.2429, 47.5984, 63.2527



46.2507, 47.5984, 41.8717



42.5644, 47.5984, 60.0304

Square

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



46.2507, 47.5984, 41.8717



41.6164, 47.5984, 49.0084



44.2458, 47.5984, 63.2460



49.0699, 47.5984, 54.7508

Rectangle

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



46.2507, 47.5984, 41.8717



43.0669, 47.5984, 43.2860



44.2458, 47.5984, 63.2460



47.4868, 47.5984, 61.4225

Sweetspot

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



46.2520, 47.6005, 41.8727



91.1246, 95.3258, 97.7983



44.5912, 41.7376, 49.1541



19.3897, 20.2661, 20.6114



0.0000, 0.0000, 0.0000



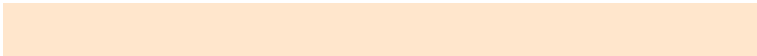
20.3446, 21.4041, 23.3091

Same Dimension

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



46.2520, 47.6005, 41.8727



80.5135, 82.3684, 68.7819



49.6936, 54.4837, 43.0199



11.0782, 11.5256, 11.2035



18.3227, 14.1625, 1.7679



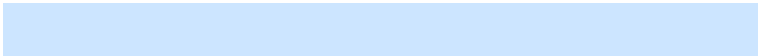
0.9399, 0.8152, 0.1078

Inverse Universe

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



41.7090, 44.5654, 59.2275



70.8941, 75.9420, 105.5295



38.6640, 38.4753, 58.2125



10.4739, 11.1219, 13.5122



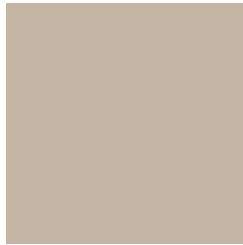
9.4326, 8.2592, 35.8414



0.5191, 0.5360, 1.7212

Previews

White Background



This preview shows how the XYZ color 46.2507, 47.5984, 41.8717 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 46.2507, 47.5984, 41.8717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

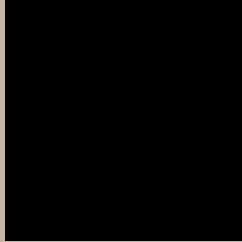
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.2507, 47.5984, 41.8717

Background



This preview shows how black text looks on a background with the XYZ color 46.2507, 47.5984, 41.8717.



This preview shows how white text looks on a background with the XYZ color 46.2507, 47.5984,

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

46.2507, 47.5984, 41.8717

Protanopia

45.2109, 47.6600, 42.4137

Deuteranopia

48.5261, 47.5708, 42.2218



Tritanopia

49.2135, 47.6234, 55.8886

Trichromacy



Original Color

46.2507, 47.5984, 41.8717

Protanomaly

45.5118, 47.5100, 42.3689

Deuteranomaly

47.6138, 47.3948, 42.2359

Tritanomaly

48.0803, 47.4563, 50.3419

Monochromacy



Original Color

46.2507, 47.5984, 41.8717

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

45.8556, 47.8601, 48.4161

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.2507, 47.5984, 41.8717 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(197, 181, 164)` looks like.

```
.text, #text, p{  
    color:rgb(197, 181, 164)  
}
```

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(197, 181, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 181, 164) }
```

Border

The CSS property to change the border of an element to XYZ 46.2507, 47.5984, 41.8717 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(197, 181, 164) }
```


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

```
.border{ border-color:rgb(197, 181, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 181, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 181, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 181, 164);  
box-shadow:4px 4px 4px 4px rgb(197, 181,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 46.2507, 47.5984, 41.8717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 181, 164) }
```

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

```
.background{ background-color: rgb(197,  
181, 164) }
```

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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