

Converting Colors

XYZ(46.4928, 47.2214, 44.6941)

Have a look what the booklet for
XYZ(46.4928, 47.2214, 44.6941)
contains.

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Color

**XYZ(46.6029, 47.4151,
44.7260)**

Conversions

Conversions Part 1

Format	Color
Hex	C5B4AA
RGB	197, 180, 170
RGB Percent	77%, 71%, 67%
CMY	0.2274, 0.2941, 0.3333
CMYK	0.00, 0.09, 0.14, 0.23
HSL	22°, 19%, 72%
HSV	22°, 14%, 77%
XYZ	46.6029, 47.4151, 44.7260
YIQ	183.9430, 13.3420, 0.4940

Conversions

Conversions Part 2

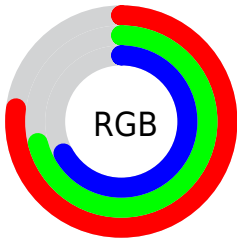
Format	Color
RYB	197, 186, 170
Decimal	12956842
CIELab	74.45, 4.38, 7.28
CIElCh	74, 8.500, 58.975
Yxy	47.4151, 0.3359, 0.3417
Android (android.graphics.Color)	4291146922 (0xFFC5B4AA)
YUV	183.9430, -6.8739, 11.4510
Hunter-Lab	68.8586, 0.3046, 9.6902

Details

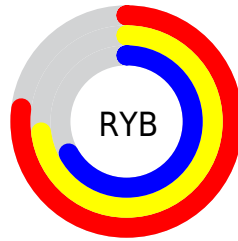
The XYZ color **46.6029, 47.4151, 44.7260** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.4257, 48.1169, 59.7698**, and the grayscale version is **45.5612, 47.9339, 52.2000**.

A 20% lighter version of the original color is **84.4591, 86.4980, 83.4785**, and **22.1871, 22.3264, 20.2796** is the 20% darker color. If you saturate the color by 10%, you get **42.4851, 41.9413, 34.8378**, and if you desaturate by 10%, it is **51.2267, 53.4528, 56.1618**.

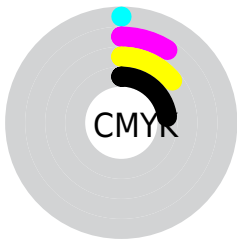
Distribution



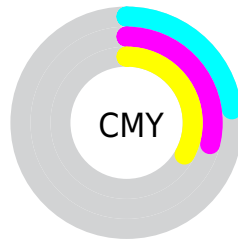
- Red (77%)
- Green (71%)
- Blue (67%)



- Red (77%)
- Yellow (73%)
- Blue (67%)



- Cyan (0%)
- Magenta (9%)
- Yellow (14%)
- Black (23%)



- Cyan (23%)
- Magenta (29%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.6029, 47.4151, 44.7260 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 46.6029, 47.4151, 44.7260 by changing the saturation by 10% instead.

■ 46.6029, 47.4151,
44.7260

■ 46.6029, 47.4151,
44.7260

363.9027,
376.4690, 381.7904

■ 32.9285, 33.3639,
30.9003

■ 84.3429, 86.3329,
83.6232

■ 22.2306, 22.4054,
20.2651

109.1392,
111.9683, 109.5317

■ 14.1440, 14.1551,
12.4019

138.3736,
142.2340, 140.3050

■ 8.3033, 8.2286,
6.8922

172.4112,
177.5142, 176.3614

■ 4.3430, 4.2416,
3.3173

211.6176,
218.1934, 218.1197

■ 1.8980, 1.8096,
1.2589

256.3581,

■ 0.5757, 0.4931,

264.6560, 265.9982

0.0277

306.9980,
317.2864, 320.4156

■ 0.0000, 0.0000,
0.0000

■ 46.6029, 47.4151,
44.7260

■ 46.6029, 47.4151,
44.7260

■ 42.4851, 41.9413,
34.8378

■ 51.2267, 53.4528,
56.1618

■ 38.8510, 37.0085,
26.4270

■ 56.3697, 60.0641,
69.2051

■ 35.6827, 32.6014,
19.4224

■ 62.0497, 67.2662,
83.9164

■ 32.9592, 28.7013,
13.7458

■ 68.2822, 75.0738,
100.3522

■ 30.6580, 25.2886,
9.3112

■ 72.8312, 82.6006,
106.7126

■ 28.7543, 22.3421,
6.0223

■ 76.6485, 90.2352,
107.9851

■ 27.2199, 19.8387,
3.7683

■ 76.8361, 90.6104,
108.0476

■ 26.0223, 17.7526,
2.4159

■ 25.4080, 16.6342,
1.8716

Harmonies

Analogous

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



47.6946, 47.4151, 47.6449



46.6029, 47.4151, 44.7260



45.1194, 47.4151, 43.6387

Triad

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



46.6029, 47.4151, 44.7260



42.1835, 47.4151, 51.4761



46.5096, 47.4151, 59.3693

Complementary

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



46.6029, 47.4151, 44.7260



44.4257, 48.1169, 59.7698

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.



45.0139, 47.4151, 60.5350



46.6029, 47.4151, 44.7260



42.5370, 47.4151, 55.8250

Square

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



46.6029, 47.4151, 44.7260



42.5878, 47.4151, 47.3974



43.5645, 47.4151, 59.2036



47.6399, 47.4151, 56.1010

Rectangle

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



46.6029, 47.4151, 44.7260



44.1151, 47.4151, 44.0489



43.5645, 47.4151, 59.2036



46.0318, 47.4151, 60.0279

Sweetspot

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



46.6042, 47.4172, 44.7270



91.4367, 95.3319, 99.8079



46.3816, 44.2125, 53.1597



19.4294, 20.2211, 21.0084



0.0000, 0.0000, 0.0000



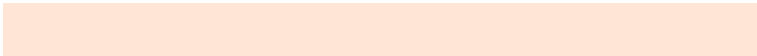
20.3446, 21.4041, 23.3091

Same Dimension

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



46.6042, 47.4172, 44.7270



81.5102, 82.3393, 75.3494



49.4407, 53.0901, 45.6725



10.9504, 11.2699, 11.1609



16.7857, 11.0885, 1.2556



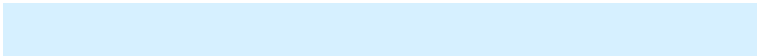
0.8640, 0.6634, 0.0825

Inverse Universe

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



44.4257, 48.1169, 59.7698



76.9657, 83.7977, 106.7258



41.7151, 42.6957, 58.8662



10.6037, 11.3814, 13.5554



11.4525, 12.2990, 36.5147



0.6099, 0.7176, 1.7515

Previews

White Background



This preview shows how the XYZ color 46.6029, 47.4151, 44.7260 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 46.6029, 47.4151, 44.7260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

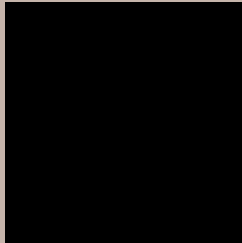
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.6029, 47.4151, 44.7260

Background



This preview shows how black text looks on a background with the XYZ color 46.6029, 47.4151, 44.7260.



This preview shows how white text looks on a background with the XYZ color 46.6029, 47.4151,

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

46.6029, 47.4151, 44.7260

Protanopia

45.2704, 47.6261, 45.3348

Deuteranopia

48.5264, 47.5064, 45.1401



Tritanopia

48.9455, 47.4852, 55.8761

Trichromacy



Original Color

46.6029, 47.4151, 44.7260

Protanomaly

45.8169, 47.6026, 45.3015

Deuteranomaly

47.8997, 47.4776, 45.1676

Tritanomaly

48.0208, 47.4018, 51.4182

Monochromacy



Original Color

46.6029, 47.4151, 44.7260

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

46.0564, 47.9405, 49.4738

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.6029, 47.4151, 44.7260 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, 180, 170)` looks like.

```
.text, #text, p{  
    color:rgb(197, 180, 170)  
}
```

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, 180, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 180, 170) }
```

Border

The CSS property to change the border of an element to XYZ 46.6029, 47.4151, 44.7260 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, 180, 170) }
```


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

```
.border{ border-color:rgb(197, 180, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 180, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 180, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 180, 170);  
box-shadow:4px 4px 4px 4px rgb(197, 180,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 46.6029, 47.4151, 44.7260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 180, 170) }
```

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

```
.background{ background-color: rgb(197,  
180, 170) }
```

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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