

Converting Colors

XYZ(46.5304, 47.2796, 45.0360)

Have a look what the booklet for
XYZ(46.5304, 47.2796, 45.0360)
contains.

XYZ(46.6979, 47.4531, 45.2262)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(46.6979, 47.4531,
45.2262)**

Conversions

Conversions Part 1

Format	Color
Hex	C5B4AB
RGB	197, 180, 171
RGB Percent	77%, 71%, 67%
CMY	0.2274, 0.2941, 0.3294
CMYK	0.00, 0.09, 0.13, 0.23
HSL	21°, 18%, 72%
HSV	21°, 13%, 77%
XYZ	46.6979, 47.4531, 45.2262
YIQ	184.0570, 13.0210, 0.8050

Conversions

Conversions Part 2

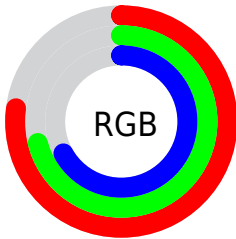
Format	Color
RYB	197, 185, 171
Decimal	12956843
CIELab	74.48, 4.54, 6.77
CIELCh	74, 8.157, 56.140
Yxy	47.4531, 0.3350, 0.3405
Android (android.graphics.Color)	4291146923 (0xFFC5B4AB)
YUV	184.0570, -6.4371, 11.3510
Hunter-Lab	68.8862, 0.4541, 9.2944

Details

The XYZ color **46.6979, 47.4531, 45.2262** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.8557, 48.6546, 59.8509**, and the grayscale version is **45.6219, 47.9978, 52.2696**.

A 20% lighter version of the original color is **84.5960, 86.5527, 84.1992**, and **22.2468, 22.3503, 20.5943** is the 20% darker color. If you saturate the color by 10%, you get **42.4785, 41.7985, 35.2357**, and if you desaturate by 10%, it is **51.4414, 53.7070, 56.7734**.

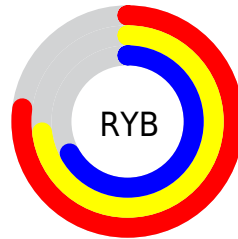
Distribution



Red (77%)

Green (71%)

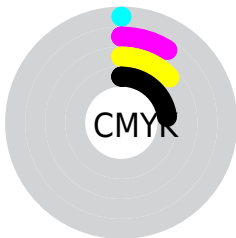
Blue (67%)



Red (77%)

Yellow (73%)

Blue (67%)

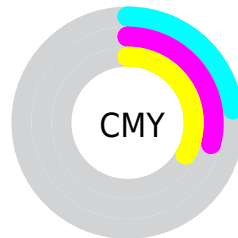


Cyan (0%)

Magenta (9%)

Yellow (13%)

Black (23%)



Cyan (23%)

Magenta (29%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.6979, 47.4531, 45.2262 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 46.6979, 47.4531, 45.2262 by changing the saturation by 10% instead.

■ 46.6979, 47.4531,
45.2262

■ 46.6979, 47.4531,
45.2262

364.2765,
376.6202, 383.8757

■ 33.0038, 33.3940,
31.2914

■ 84.4840, 86.3896,
84.3818

■ 22.2886, 22.4284,
20.5605

109.3067,
112.0357, 110.4396

■ 14.1869, 14.1720,
12.6150

138.5698,
142.3130, 141.3756

■ 8.3334, 8.2404,
7.0364

172.6384,
177.6058, 177.6082

■ 4.3626, 4.2492,
3.4061

211.8781,
218.2985, 219.5560

■ 1.9092, 1.8139,
1.3055

256.6540,

■ 0.5822, 0.4958,

264.7756, 267.6374

0.0663

307.3317,
317.4214, 322.2712

■ 0.0000, 0.0000,
0.0000

■ 46.6979, 47.4531,
45.2262

■ 46.6979, 47.4531,
45.2262

■ 42.4785, 41.7985,
35.2357

■ 51.4414, 53.7070,
56.7734

■ 38.7605, 36.7189,
26.7315

■ 56.7229, 60.5712,
69.9372

■ 35.5249, 32.1973,
19.6427

■ 62.5608, 68.0641,
84.7781

■ 32.7503, 28.2138,
13.8910

■ 68.9712, 76.2018,
101.3527

■ 30.4133, 24.7470,
9.3906

■ 73.5458, 84.0298,
106.9508

■ 28.4883, 21.7738,
6.0455

■ 76.8362, 90.6104,
108.0476

■ 26.9463, 19.2693,
3.7454

■ 25.7539, 17.2055,
2.3581

■ 25.1066, 16.0314,
1.7711

Harmonies

Analogous

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



47.6912, 47.4531, 48.1793



46.6979, 47.4531, 45.2262



45.2935, 47.4531, 43.9966

Triad

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



46.6979, 47.4531, 45.2262



42.3378, 47.4531, 51.1247



46.3611, 47.4531, 59.2909

Complementary

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



46.6979, 47.4531, 45.2262



44.8557, 48.6546, 59.8509

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.



44.9125, 47.4531, 60.1838



46.6979, 47.4531, 45.2262



42.6097, 47.4531, 55.3219

Square

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



46.6979, 47.4531, 45.2262



42.7934, 47.4531, 47.2831



43.5443, 47.4531, 58.6949



47.4938, 47.4531, 56.3168

Rectangle

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



46.6979, 47.4531, 45.2262



44.3206, 47.4531, 44.2676



43.5443, 47.4531, 58.6949



45.8940, 47.4531, 59.8511

Sweetspot

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



46.6992, 47.4552, 45.2272



91.3605, 95.1796, 99.7825



46.7025, 44.6420, 53.9214



19.4102, 20.1826, 21.0020



0.0000, 0.0000, 0.0000



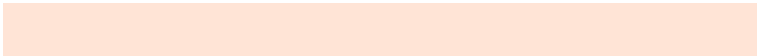
20.3446, 21.4041, 23.3091

Same Dimension

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



46.6992, 47.4552, 45.2272



81.2371, 81.7932, 75.2583



49.3735, 52.8038, 46.1186



10.9292, 11.2276, 11.1539



16.5845, 10.6862, 1.1885



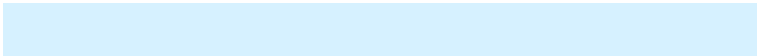
0.8530, 0.6415, 0.0789

Inverse Universe

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



44.8557, 48.6546, 59.8509



77.2571, 84.3806, 106.8229



42.2682, 43.4797, 58.9884



10.6256, 11.4253, 13.5628



11.8537, 13.1013, 36.6484



0.6270, 0.7518, 1.7572

Previews

White Background



This preview shows how the XYZ color 46.6979, 47.4531, 45.2262 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 46.6979, 47.4531, 45.2262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

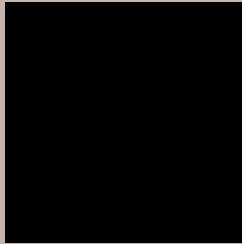
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.6979, 47.4531, 45.2262

Background



This preview shows how black text looks on a background with the XYZ color 46.6979, 47.4531, 45.2262.



This preview shows how white text looks on a background with the XYZ color 46.6979, 47.4531,

45.2262.

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

46.6979, 47.4531, 45.2262

Protanopia

45.3661, 47.6643, 45.8388

Deuteranopia

48.3454, 47.4020, 45.6311



Tritanopia

48.9455, 47.4852, 55.8761

Trichromacy



Original Color

46.6979, 47.4531, 45.2262

Protanomaly

45.9126, 47.6409, 45.8055

Deuteranomaly

47.7239, 47.3759, 45.6589

Tritanomaly

48.1253, 47.4436, 51.9685

Monochromacy



Original Color

46.6979, 47.4531, 45.2262

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 46.6979, 47.4531, 45.2262 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, 171)` looks like.

```
.text, #text, p{  
    color:rgb(197, 180, 171)  
}
```

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, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 180, 171) }
```

Border

The CSS property to change the border of an element to XYZ 46.6979, 47.4531, 45.2262 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, 171) }
```


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

```
.border{ border-color:rgb(197, 180, 171) }
```

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, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 180, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 180, 171);  
box-shadow:4px 4px 4px 4px rgb(197, 180,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 46.6979, 47.4531, 45.2262 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, 171) }
```

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

```
.background{ background-color: rgb(197,  
180, 171) }
```

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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