

Converting Colors

XYZ(45.6119, 46.2847, 45.8027)

Have a look what the booklet for
XYZ(45.6119, 46.2847, 45.8027)
contains.

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Color

**XYZ(45.6149, 46.2887,
45.5602)**

Conversions

Conversions Part 1

Format	Color
Hex	C2B2AC
RGB	194, 178, 172
RGB Percent	76%, 70%, 67%
CMY	0.2392, 0.3019, 0.3255
CMYK	0.00, 0.08, 0.11, 0.24
HSL	16°, 15%, 72%
HSV	16°, 11%, 76%
XYZ	45.6149, 46.2887, 45.5602
YIQ	182.1000, 11.4620, 1.5260

Conversions

Conversions Part 2

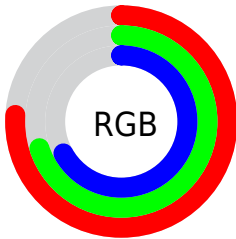
Format	Color
R_{YB}	194, 180, 172
Decimal	12759724
CIE Lab	73.73, 4.69, 5.12
CIE LCh	74, 6.942, 47.530
Yxy	46.2887, 0.3318, 0.3367
Android (android.graphics.Color)	4290949804 (0xFFC2B2AC)
YUV	182.1000, -4.9793, 10.4363
Hunter-Lab	68.0358, 0.6135, 7.9215

Details

The XYZ color **45.6149, 46.2887, 45.5602** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.7338, 48.6311, 58.0683**, and the grayscale version is **44.5408, 46.8604, 51.0310**.

A 20% lighter version of the original color is **83.0716, 84.9009, 84.6822**, and **21.5390, 21.5987, 20.8030** is the 20% darker color. If you saturate the color by 10%, you get **41.2226, 40.2709, 35.5650**, and if you desaturate by 10%, it is **50.5705, 52.9966, 57.0862**.

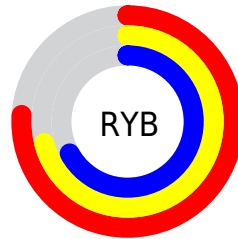
Distribution



Red (76%)

Green (70%)

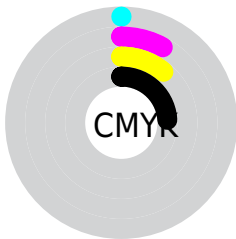
Blue (67%)



Red (76%)

Yellow (71%)

Blue (67%)

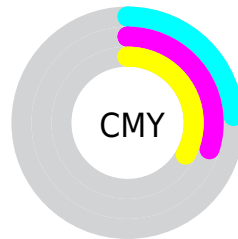


Cyan (0%)

Magenta (8%)

Yellow (11%)

Black (24%)



Cyan (24%)

Magenta (30%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.6149, 46.2887, 45.5602 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 45.6149, 46.2887, 45.5602 by changing the saturation by 10% instead.

■ 45.6149, 46.2887,
45.5602

■ 45.6149, 46.2887,
45.5602

360.0002,
371.9681, 385.2638

■ 32.1454, 32.4737,
31.5527

■ 82.8738, 84.6509,
84.8878

■ 21.6286, 21.7236,
20.7581

107.3938,
109.9669, 111.0449

■ 13.6994, 13.6539,
12.7578

136.3281,
139.8853, 142.0891

■ 7.9922, 7.8804,
7.1332

170.0419,
174.7906, 178.4388

■ 4.1417, 4.0185,
3.4658

208.9007,
215.0671, 220.5126

■ 1.7826, 1.6839,
1.3371

253.2698,

■ 0.5072, 0.4132,

261.0993, 268.7290

0.0919

303.5145,
313.2715, 323.5065

■ 0.0000, 0.0000,
0.0000

■ 45.6149, 46.2887,
45.5602

■ 45.6149, 46.2887,
45.5602

■ 41.2226, 40.2709,
35.5650

■ 50.5705, 52.9966,
57.0862

■ 37.3692, 34.9151,
27.0330

■ 56.1048, 60.4096,
70.2008

■ 34.0344, 30.2001,
19.8957

■ 62.2375, 68.5498,
84.9626

■ 31.1950, 26.1012,
14.0782

■ 68.9861, 77.4364,
101.4261

■ 28.8257, 22.5922,
9.4983

■ 74.0302, 86.1532,
107.3352

■ 26.8992, 19.6448,
6.0645

■ 76.0583, 90.2094,
108.0112

■ 25.3848, 17.2281,
3.6726

■ 24.2473, 15.3080,
2.1989

■ 23.5187, 14.0103,
1.4647

Harmonies

Analogous

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



46.2937, 46.2887, 48.3846



45.6149, 46.2887, 45.5602



44.5095, 46.2887, 44.0625

Triad

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



45.6149, 46.2887, 45.5602



41.7234, 46.2887, 48.9498



44.7134, 46.2887, 57.1502

Complementary

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



45.6149, 46.2887, 45.5602



44.7338, 48.6311, 58.0683

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.



43.4865, 46.2887, 57.3190



45.6149, 46.2887, 45.5602



41.7757, 46.2887, 52.4716

Square

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



45.6149, 46.2887, 45.5602



42.2718, 46.2887, 45.9573



42.4159, 46.2887, 55.5721



45.7665, 46.2887, 55.1213

Rectangle

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



45.6149, 46.2887, 45.5602



43.6863, 46.2887, 43.9697



42.4159, 46.2887, 55.5721



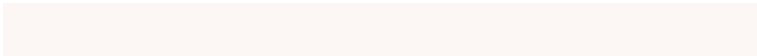
44.3072, 46.2887, 57.4297

Sweetspot

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



45.6162, 46.2907, 45.5612



90.0141, 93.8514, 99.6583



46.0927, 44.6116, 53.8344



19.5463, 20.3288, 21.4362



0.0000, 0.0000, 0.0000



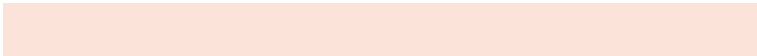
20.3446, 21.4041, 23.3091

Same Dimension

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



45.6162, 46.2907, 45.5612



80.2476, 80.5974, 77.0460



47.8639, 50.7862, 46.3104



10.2919, 10.5152, 10.5491



15.5223, 9.3303, 0.9828



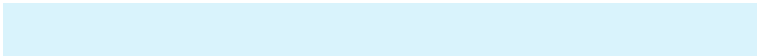
0.7302, 0.5222, 0.0623

Inverse Universe

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



44.7338, 48.6311, 58.0683



78.2815, 85.8095, 104.9068



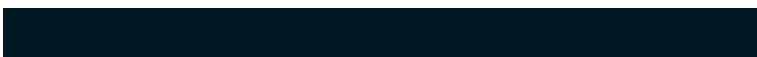
42.5000, 44.1633, 57.3237



10.1286, 10.9485, 12.8643



12.7413, 15.2391, 35.8265



0.6054, 0.7682, 1.5663

Previews

White Background



This preview shows how the XYZ color 45.6149, 46.2887, 45.5602 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 45.6149, 46.2887, 45.5602 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 45.6149, 46.2887, 45.5602

Background



This preview shows how black text looks on a background with the XYZ color 45.6149, 46.2887, 45.5602.



This preview shows how white text looks on a background with the XYZ color 45.6149, 46.2887,

45.5602.

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

45.6149, 46.2887, 45.5602

Protanopia

44.1138, 46.0987, 46.1081

Deuteranopia

47.2299, 46.2336, 45.9699



Tritanopia

47.2802, 46.0698, 54.5445

Trichromacy



Original Color

45.6149, 46.2887, 45.5602

Protanomaly

44.6492, 46.0761, 46.0755

Deuteranomaly

46.6213, 46.2099, 45.9974

Tritanomaly

46.5783, 46.0717, 51.2375

Monochromacy



Original Color

45.6149, 46.2887, 45.5602

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

44.8095, 46.7012, 48.7720

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.6149, 46.2887, 45.5602 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(194, 178, 172)` looks like.

```
.text, #text, p{  
    color:rgb(194, 178, 172)  
}
```

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(194, 178, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 178, 172) }
```

Border

The CSS property to change the border of an element to XYZ 45.6149, 46.2887, 45.5602 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(194, 178, 172) }
```


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

```
.border{ border-color:rgb(194, 178, 172) }
```

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

Here you see how a box with a 4 pixel rgb(194, 178, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 178, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 178, 172);  
box-shadow:4px 4px 4px 4px rgb(194, 178,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 45.6149, 46.2887, 45.5602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 178, 172) }
```

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

```
.background{ background-color: rgb(194,  
178, 172) }
```

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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