

Converting Colors

XYZ(50.7595, 52.6478, 46.1517)

Have a look what the booklet for
XYZ(50.7595, 52.6478, 46.1517)
contains.

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Color

**XYZ(50.6660, 52.6046,
46.0114)**

Conversions

Conversions Part 1

Format	Color
Hex	CCBEAB
RGB	204, 190, 171
RGB Percent	80%, 75%, 67%
CMY	0.2000, 0.2549, 0.3294
CMYK	0.00, 0.07, 0.16, 0.20
HSL	35°, 24%, 74%
HSV	35°, 16%, 80%
XYZ	50.6660, 52.6046, 46.0114
YIQ	192.0200, 14.4430, -2.9410

Conversions

Conversions Part 2

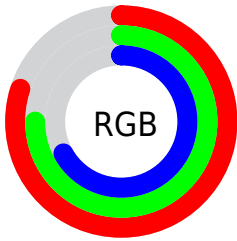
Format	Color
RYB	195, 204, 171
Decimal	13418155
CIELab	77.64, 1.79, 11.37
CIELCh	78, 11.506, 81.067
Yxy	52.6046, 0.3394, 0.3524
Android (android.graphics.Color)	4291608235 (0xFFCCBEAB)
YUV	192.0200, -10.3629, 10.5065
Hunter-Lab	72.5290, -2.2325, 13.1576

Details

The XYZ color **50.6660, 52.6046, 46.0114** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.0424, 47.7144, 63.9630**, and the grayscale version is **50.1685, 52.7812, 57.4787**.

A 20% lighter version of the original color is **87.9232, 92.6625, 85.2031**, and **24.8531, 25.7073, 21.1049** is the 20% darker color. If you saturate the color by 10%, you get **47.0514, 48.2505, 35.9421**, and if you desaturate by 10%, it is **54.6949, 57.3060, 57.7007**.

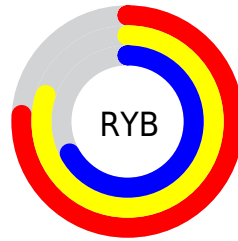
Distribution



Red (80%)

Green (75%)

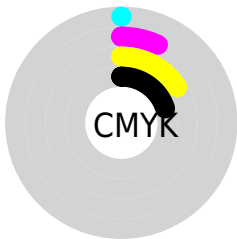
Blue (67%)



Red (76%)

Yellow (80%)

Blue (67%)

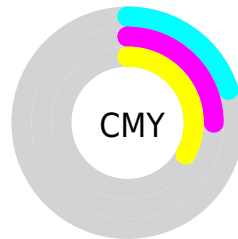


Cyan (0%)

Magenta (7%)

Yellow (16%)

Black (20%)



Cyan (20%)

Magenta (25%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.6660, 52.6046, 46.0114 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 50.6660, 52.6046, 46.0114 by changing the saturation by 10% instead.

■ 50.6660, 52.6046,
46.0114

■ 50.6660, 52.6046,
46.0114

379.6738,
396.7663, 387.1334

■ 36.1628, 37.4872,
31.9061

■ 90.3468, 94.0223,
85.5705

■ 24.7307, 25.5849,
21.0256

116.2551,
121.0914, 111.8614

■ 16.0042, 16.5134,
12.9513

146.6959,
152.9132, 143.0512

■ 9.6180, 9.8882,
7.2647

182.0345,
189.8720, 179.5585

■ 5.2067, 5.3249,
3.5472

222.6362,
232.3524, 221.8019

■ 2.4051, 2.4391,
1.3804

268.8664,

■ 0.8476, 0.8459,

280.7386, 270.1998

0.1263

321.0905,
335.4151, 325.1708

■ 0.0000, 0.0000,
0.0000

■ 50.6660, 52.6046,
46.0114

■ 50.6660, 52.6046,
46.0114

■ 47.0514, 48.2505,
35.9421

■ 54.6949, 57.3060,
57.7007

■ 43.8311, 44.2272,
27.4166

■ 59.1485, 62.3565,
71.0748

■ 40.9899, 40.5274,
20.3574

■ 64.0421, 67.7670,
86.1992

■ 38.5096, 37.1406,
14.6789

■ 69.3890, 73.5455,
103.1347

■ 36.3704, 34.0554,
10.2868

■ 72.1661, 78.4855,
105.9534

■ 34.5499, 31.2596,
7.0745

■ 74.6795, 83.5124,
106.7912

■ 33.0225, 28.7393,
4.9180

■ 77.3148, 88.7830,
107.6696

■ 31.7565, 26.4781,
3.6610

■ 78.7120, 91.5775,
108.1354

■ 31.3195, 25.6723,
3.3045

Harmonies

Analogous

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



52.7346, 52.6046, 48.2696



50.6660, 52.6046, 46.0114



48.4777, 52.6046, 46.5928

Triad

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



50.6660, 52.6046, 46.0114



46.1140, 52.6046, 61.7933



53.3997, 52.6046, 65.3230

Complementary

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



50.6660, 52.6046, 46.0114



45.0424, 47.7144, 63.9630

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.



51.5520, 52.6046, 69.4821



50.6660, 52.6046, 46.0114



47.3598, 52.6046, 67.3416

Square

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



50.6660, 52.6046, 46.0114



45.8927, 52.6046, 55.3969



49.3381, 52.6046, 70.2470



54.3434, 52.6046, 59.2001

Rectangle

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



50.6660, 52.6046, 46.0114



47.2422, 52.6046, 48.5317



49.3381, 52.6046, 70.2470



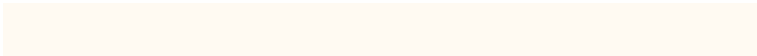
52.8612, 52.6046, 67.0155

Sweetspot

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



50.6674, 52.6069, 46.0125



91.3637, 95.8041, 97.8781



48.2540, 45.4794, 52.3009



19.4478, 20.3824, 20.6308



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.



50.6674, 52.6069, 46.0125



81.9991, 84.8461, 70.7986



53.2471, 58.6551, 47.0440



11.7398, 12.2685, 11.8287



19.8066, 16.3462, 2.1112



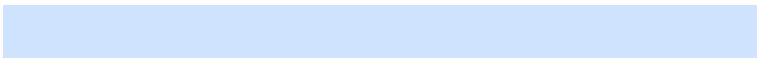
1.0960, 0.9917, 0.1337

Inverse Universe

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



45.0424, 47.7144, 63.9630



71.1526, 75.4127, 105.4137



42.7405, 42.3933, 63.0572



10.9863, 11.6131, 14.2329



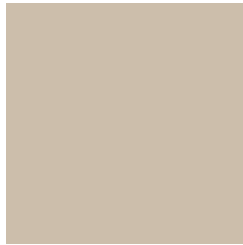
9.0688, 7.1616, 36.8606



0.5425, 0.5188, 1.9265

Previews

White Background



This preview shows how the XYZ color 50.6660, 52.6046, 46.0114 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 50.6660, 52.6046, 46.0114 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 50.6660, 52.6046, 46.0114

Background



This preview shows how black text looks on a background with the XYZ color 50.6660, 52.6046, 46.0114.



This preview shows how white text looks on a background with the XYZ color 50.6660, 52.6046,

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

50.6660, 52.6046, 46.0114

Protanopia

49.8966, 52.5195, 46.5372

Deuteranopia

53.7088, 52.5819, 46.3483



Tritanopia

53.9967, 52.6978, 61.9694

Trichromacy



Original Color

50.6660, 52.6046, 46.0114

Protanomaly

50.1646, 52.6577, 46.5497

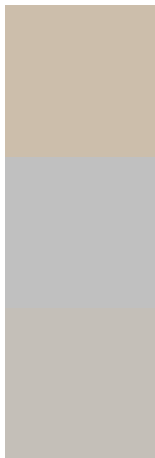
Deuteranomaly

52.6573, 52.6653, 46.4198

Tritanomaly

52.6878, 52.4802, 55.4969

Monochromacy



Original Color

50.6660, 52.6046, 46.0114

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.0475, 52.4581, 52.8350

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.6660, 52.6046, 46.0114 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(204, 190, 171)` looks like.

```
.text, #text, p{  
    color:rgb(204, 190, 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(204, 190, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 190, 171) }
```

Border

The CSS property to change the border of an element to XYZ 50.6660, 52.6046, 46.0114 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(204, 190, 171) }
```


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

```
.border{ border-color:rgb(204, 190, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 190, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 190, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 190, 171);  
box-shadow:4px 4px 4px 4px rgb(204, 190,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 50.6660, 52.6046, 46.0114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 190, 171) }
```

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

```
.background{ background-color: rgb(204,  
190, 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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