

Converting Colors

XYZ(52.0282, 53.9432, 46.6996)

Have a look what the booklet for
XYZ(52.0282, 53.9432, 46.6996)
contains.

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Color

**XYZ(52.0282, 53.9432,
46.6996)**

Conversions

Conversions Part 1

Format	Color
Hex	CFC0AC
RGB	207, 192, 172
RGB Percent	81%, 75%, 67%
CMY	0.1882, 0.2470, 0.3255
CMYK	0.00, 0.07, 0.17, 0.19
HSL	34°, 27%, 74%
HSV	34°, 17%, 81%
XYZ	52.0282, 53.9432, 46.6996
YIQ	194.2050, 15.3600, -3.0400

Conversions

Conversions Part 2

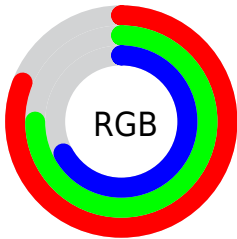
Format	Color
RYB	198, 207, 172
Decimal	13615276
CIELab	78.43, 1.99, 11.98
CIELCh	78, 12.145, 80.556
Yxy	53.9432, 0.3408, 0.3533
Android (android.graphics.Color)	4291805356 (0xFFCFC0AC)
YUV	194.2050, -10.9471, 11.2212
Hunter-Lab	73.4460, -2.0835, 13.7135

Details

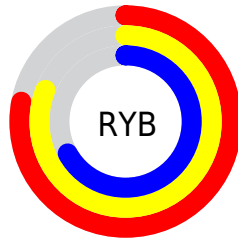
The XYZ color **52.0282, 53.9432, 46.6996** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.0460, 48.8154, 66.0275**, and the grayscale version is **51.4572, 54.1370, 58.9552**.

A 20% lighter version of the original color is **88.6725, 93.9409, 86.1319**, and **25.5717, 26.4967, 21.5359** is the 20% darker color. If you saturate the color by 10%, you get **48.3043, 49.4327, 36.4022**, and if you desaturate by 10%, it is **56.1821, 58.8171, 58.6694**.

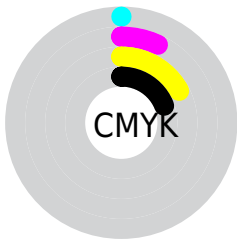
Distribution



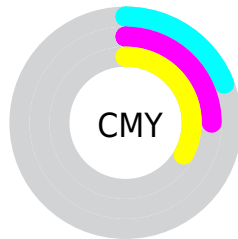
- Red (81%)
- Green (75%)
- Blue (67%)



- Red (78%)
- Yellow (81%)
- Blue (67%)



- Cyan (0%)
- Magenta (7%)
- Yellow (17%)
- Black (19%)



- Cyan (19%)
- Magenta (25%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.0282, 53.9432, 46.6996 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 52.0282, 53.9432, 46.6996 by changing the saturation by 10% instead.

■ 52.0282, 53.9432,
46.6996

■ 52.0282, 53.9432,
46.6996

384.8676,
401.8934, 389.9732

■ 37.2519, 38.5563,
32.4456

■ 92.3468, 95.9908,
86.6103

■ 25.5772, 26.4147,
21.4344

118.6198,
123.4203, 113.1041

■ 16.6386, 17.1341,
13.2476

149.4558,
155.6328, 144.5149

■ 10.0709, 10.3302,
7.4665

185.2201,
193.0126, 181.2613

■ 5.5086, 5.6184,
3.6727

226.2781,
235.9442, 223.7618

■ 2.5864, 2.6145,
1.4476

272.9951,

■ 0.9391, 0.9339,

284.8119, 272.4349

0.1784

325.7365,
340.0002, 327.6992

■ 0.0000, 0.0000,
0.0000

■ 52.0282, 53.9432,
46.6996

■ 52.0282, 53.9432,
46.6996

■ 48.3043, 49.4327,
36.4022

■ 56.1821, 58.8171,
58.6694

■ 44.9897, 45.2686,
27.6978

■ 60.7770, 64.0566,
72.3793

■ 42.0684, 41.4430,
20.5057

■ 65.8289, 69.6730,
87.8972

■ 39.5213, 37.9448,
14.7366

■ 71.3516, 75.6749,
105.2867

■ 37.3276, 34.7620,
10.2917

■ 73.8790, 80.6788,
106.2865

■ 35.4640, 31.8817,
7.0594

■ 76.5015, 85.9237,
107.1606

■ 33.9034, 29.2892,
4.9095

■ 79.2526, 91.4260,
108.0777

■ 32.6111, 26.9668,
3.6701

■ 79.5424, 92.0055,
108.1743

■ 32.2472, 26.2952,
3.3759

Harmonies

Analogous

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



54.2429, 53.9432, 49.1580



52.0282, 53.9432, 46.6996



49.6767, 53.9432, 47.2672

Triad

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



52.0282, 53.9432, 46.6996



47.0930, 53.9432, 63.4721



54.8980, 53.9432, 67.4879

Complementary

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



52.0282, 53.9432, 46.6996



46.0460, 48.8154, 66.0275

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.



52.8998, 53.9432, 71.9220



52.0282, 53.9432, 46.6996



48.4104, 53.9432, 69.4815

Square

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



52.0282, 53.9432, 46.6996



46.8760, 53.9432, 56.6044



50.5220, 53.9432, 72.6786



55.9333, 53.9432, 60.9183

Rectangle

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



52.0282, 53.9432, 46.6996



48.3448, 53.9432, 49.3036



50.5220, 53.9432, 72.6786



54.3137, 53.9432, 69.2984

Sweetspot

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



52.0297, 53.9456, 46.7007



91.3465, 95.7697, 97.8723



49.4728, 46.3662, 53.4501



19.4437, 20.3740, 20.6294



0.0000, 0.0000, 0.0000



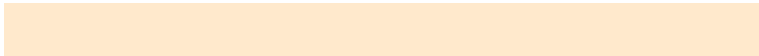
20.3446, 21.4041, 23.3091

Same Dimension

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



52.0297, 53.9456, 46.7007



81.3200, 83.9815, 69.0508



54.8448, 60.5366, 47.8246



12.3616, 12.9138, 12.4531



20.4126, 16.7582, 2.1588



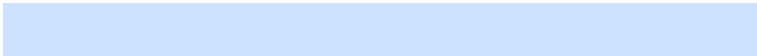
1.2193, 1.0928, 0.1467

Inverse Universe

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



46.0460, 48.8154, 66.0275



70.1079, 74.3694, 105.2674



43.5456, 43.0478, 65.0460



11.5742, 12.2387, 14.9959



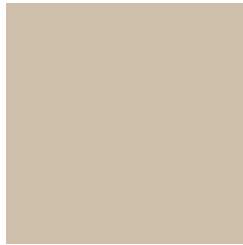
9.4204, 7.4873, 38.1412



0.6047, 0.5747, 2.1586

Previews

White Background



This preview shows how the XYZ color 52.0282, 53.9432, 46.6996 looks on a white background.

Color Contrast Check

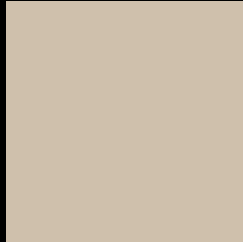
Large Text (above 18pt) WCAG AA × Fail

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 52.0282, 53.9432, 46.6996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

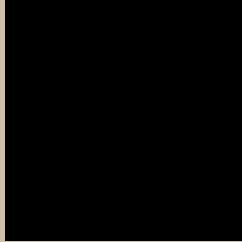
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.0282, 53.9432, 46.6996

Background



This preview shows how black text looks on a background with the XYZ color 52.0282, 53.9432, 46.6996.



This preview shows how white text looks on a background with the XYZ color 52.0282, 53.9432,

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

52.0282, 53.9432, 46.6996

Protanopia

50.9699, 53.7136, 47.2165

Deuteranopia

54.8283, 53.7734, 47.0247



Tritanopia

55.5079, 54.0796, 63.3899

Trichromacy



Original Color

52.0282, 53.9432, 46.6996

Protanomaly

51.5146, 53.9944, 47.2420

Deuteranomaly

53.7648, 53.8594, 47.0974

Tritanomaly

54.1799, 53.8584, 56.8303

Monochromacy



Original Color

52.0282, 53.9432, 46.6996

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.4861, 53.8272, 54.1305

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0282, 53.9432, 46.6996 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(207, 192, 172)` looks like.

```
.text, #text, p{  
    color:rgb(207, 192, 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(207, 192, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 192, 172) }
```

Border

The CSS property to change the border of an element to XYZ 52.0282, 53.9432, 46.6996 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(207, 192, 172) }
```


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

```
.border{ border-color:rgb(207, 192, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 192, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 192, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 192, 172);  
box-shadow:4px 4px 4px 4px rgb(207, 192,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0282, 53.9432, 46.6996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 192, 172) }
```

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

```
.background{ background-color: rgb(207,  
192, 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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