

Converting Colors

XYZ(51.2824, 52.4923, 47.6790)

Have a look what the booklet for
XYZ(51.2824, 52.4923, 47.6790)
contains.

XYZ(51.2912, 52.5730, 47.4887)	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(51.2912, 52.5730,
47.4887)**

Conversions

Conversions Part 1

Format	Color
Hex	CEBDAE
RGB	206, 189, 174
RGB Percent	81%, 74%, 68%
CMY	0.1922, 0.2588, 0.3176
CMYK	0.00, 0.08, 0.16, 0.19
HSL	28°, 25%, 75%
HSV	28°, 16%, 81%
XYZ	51.2912, 52.5730, 47.4887
YIQ	192.3730, 14.9470, -1.0610

Conversions

Conversions Part 2

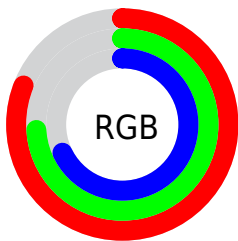
Format	Color
RYB	206, 202, 174
Decimal	13548974
CIELab	77.62, 3.53, 9.75
CIELCh	78, 10.364, 70.097
Yxy	52.5730, 0.3389, 0.3474
Android (android.graphics.Color)	4291739054 (0xFFCEBDAE)
YUV	192.3730, -9.0579, 11.9509
Hunter-Lab	72.5072, -0.6178, 11.9230

Details

The XYZ color **51.2912, 52.5730, 47.4887** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.2268, 50.7155, 65.6930**, and the grayscale version is **50.3673, 52.9903, 57.7065**.

A 20% lighter version of the original color is **88.0353, 92.2220, 87.2894**, and **25.2659, 25.6889, 22.0391** is the 20% darker color. If you saturate the color by 10%, you get **47.1699, 47.3013, 36.9551**, and if you desaturate by 10%, it is **55.9010, 58.3278, 59.7060**.

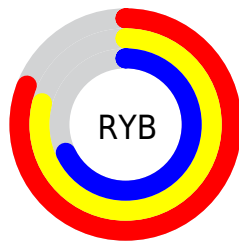
Distribution



Red (81%)

Green (74%)

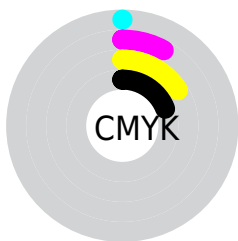
Blue (68%)



Red (81%)

Yellow (79%)

Blue (68%)

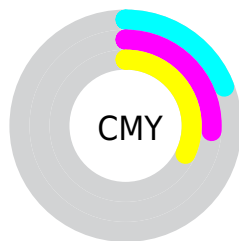


Cyan (0%)

Magenta (8%)

Yellow (16%)

Black (19%)



Cyan (19%)


Magenta (26%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.2912, 52.5730, 47.4887 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 51.2912, 52.5730, 47.4887 by changing the saturation by 10% instead.


 51.2912, 52.5730,
47.4887

 51.2912, 52.5730,
47.4887


382.0632,
396.6447, 393.2119

 36.6624, 37.4620,
33.0650


 91.2655, 93.9757,
87.8002

 25.1187, 25.5654,
21.9048


117.3417,
121.0363, 114.5252

 16.2947, 16.4988,
13.5893

147.9644,
152.8488, 146.1877

 9.8251, 9.8778,
7.7001

183.4990,
189.7977, 183.2063

 5.3445, 5.3180,
3.8186

224.3108,
232.2673, 225.9994

 2.4876, 2.4350,
1.5264

270.7652,

 0.8890, 0.8438,

280.6421, 274.9857

0.2375

323.2275,
335.3064, 330.5837

■ 0.0000, 0.0000,
0.0000

■ 51.2912, 52.5730,
47.4887

■ 51.2912, 52.5730,
47.4887

■ 47.1699, 47.3013,
36.9551

■ 55.9010, 58.3278,
59.7060

■ 43.5149, 42.4922,
28.0268

■ 61.0119, 64.5713,
73.6738

■ 40.3086, 38.1341,
20.6242

■ 66.6412, 71.3183,
89.4594

■ 37.5303, 34.2119,
14.6595

■ 72.5777, 78.4897,
105.9325

■ 35.1576, 30.7097,
10.0360

■ 75.7678, 84.8698,
106.9959

■ 33.1656, 27.6104,
6.6445

■ 79.1532, 91.6406,
108.1243

■ 31.5258, 24.8950,
4.3586

■ 79.2638, 91.8619,
108.1612

■ 30.2041, 22.5419,
3.0233

■ 29.6905, 21.5953,
2.6035

Harmonies

Analogous

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



52.9724, 52.5730, 50.4308



51.2912, 52.5730, 47.4887



49.2971, 52.5730, 47.0593

Triad

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



51.2912, 52.5730, 47.4887



46.2737, 52.5730, 59.1980



52.4901, 52.5730, 66.0987

Complementary

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



51.2912, 52.5730, 47.4887



47.2268, 50.7155, 65.6930

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.



50.6471, 52.5730, 68.7992



51.2912, 52.5730, 47.4887



47.0814, 52.5730, 64.6427

Square

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



51.2912, 52.5730, 47.4887



46.4357, 52.5730, 53.5709



48.6698, 52.5730, 68.2493



53.6773, 52.5730, 61.0793

Rectangle

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



51.2912, 52.5730, 47.4887



48.0631, 52.5730, 48.2235



48.6698, 52.5730, 68.2493



51.9247, 52.5730, 67.3224

Sweetspot

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



51.2926, 52.5753, 47.4898



90.9422, 94.9610, 97.7375



50.0016, 47.1592, 55.7966



19.3454, 20.1775, 20.5966



0.0000, 0.0000, 0.0000



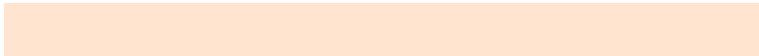
20.3446, 21.4041, 23.3091

Same Dimension

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



51.2926, 52.5753, 47.4898



80.5407, 81.9294, 70.3125



54.9095, 59.8091, 48.6954



11.6387, 12.0664, 11.7951



18.3777, 13.4884, 1.6349



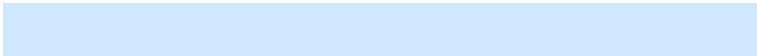
1.0238, 0.8473, 0.1096

Inverse Universe

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



47.2268, 50.7155, 65.6930



72.5930, 78.2935, 105.8938



43.9398, 44.1416, 64.5973



11.0868, 11.8140, 14.2664



10.3526, 9.7291, 37.2885



0.6097, 0.6531, 1.9489

Previews

White Background



This preview shows how the XYZ color 51.2912, 52.5730, 47.4887 looks on a white background.

Color Contrast Check

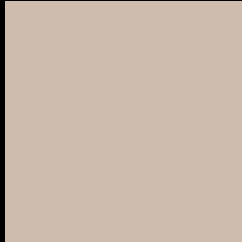
Large Text (above 18pt) WCAG AA × Fail

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 51.2912, 52.5730, 47.4887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

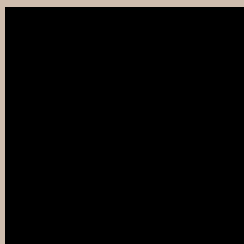
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

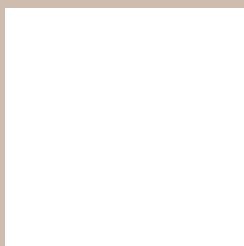
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.2912, 52.5730, 47.4887

Background



This preview shows how black text looks on a background with the XYZ color 51.2912, 52.5730, 47.4887.



This preview shows how white text looks on a background with the XYZ color 51.2912, 52.5730,

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

51.2912, 52.5730, 47.4887

Protanopia

49.9219, 52.4989, 48.0596

Deuteranopia

53.7021, 52.5448, 47.8692



Tritanopia

54.0688, 52.4234, 61.9126

Trichromacy



Original Color

51.2912, 52.5730, 47.4887

Protanomaly

50.5084, 52.4786, 48.0247

Deuteranomaly

52.7373, 52.3591, 47.8842

Tritanomaly

52.9753, 52.2893, 56.5910

Monochromacy



Original Color

51.2912, 52.5730, 47.4887

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.4137, 52.6347, 53.4014

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.2912, 52.5730, 47.4887 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(206, 189, 174)` looks like.

```
.text, #text, p{  
    color:rgb(206, 189, 174)  
}
```

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(206, 189, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 189, 174) }
```

Border

The CSS property to change the border of an element to XYZ 51.2912, 52.5730, 47.4887 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(206, 189, 174) }
```


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

```
.border{ border-color:rgb(206, 189, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 189, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 189, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 189, 174);  
box-shadow:4px 4px 4px 4px rgb(206, 189,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 51.2912, 52.5730, 47.4887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 189, 174) }
```

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

```
.background{ background-color: rgb(206,  
189, 174) }
```

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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