

Converting Colors

XYZ(47.6794, 48.3221, 35.6242)

Have a look what the booklet for
XYZ(47.6794, 48.3221, 35.6242)
contains.

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Color

**XYZ(47.7610, 48.5152,
35.7012)**

Conversions

Conversions Part 1

Format	Color
Hex	CFB596
RGB	207, 181, 150
RGB Percent	81%, 71%, 59%
CMY	0.1882, 0.2902, 0.4118
CMYK	0.00, 0.13, 0.28, 0.19
HSL	33°, 37%, 70%
HSV	33°, 28%, 81%
XYZ	47.7610, 48.5152, 35.7012
YIQ	185.2400, 25.4470, -4.1290

Conversions

Conversions Part 2

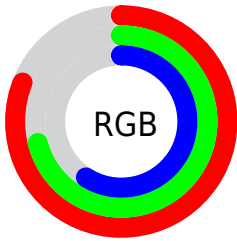
Format	Color
RYB	198, 207, 150
Decimal	13612438
CIELab	75.15, 4.63, 19.24
CIELCh	75, 19.789, 76.476
Yxy	48.5152, 0.3619, 0.3676
Android (android.graphics.Color)	4291802518 (0xFFCFB596)
YUV	185.2400, -17.3733, 19.0835
Hunter-Lab	69.6529, 0.5051, 18.3674

Details

The XYZ color **47.7610, 48.5152, 35.7012** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.3650, 42.0383, 65.0710**, and the grayscale version is **46.3326, 48.7455, 53.0838**.

A 20% lighter version of the original color is **82.4233, 86.1880, 69.4185**, and **22.9202, 23.0146, 15.0386** is the 20% darker color. If you saturate the color by 10%, you get **44.3845, 44.1982, 27.0658**, and if you desaturate by 10%, it is **51.5646, 53.2146, 45.9327**.

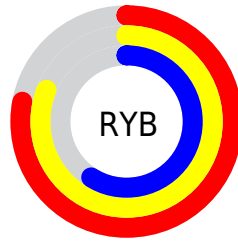
Distribution



Red (81%)

Green (71%)

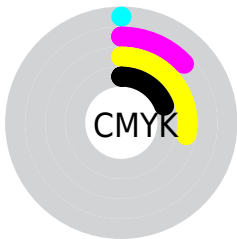
Blue (59%)



Red (78%)

Yellow (81%)

Blue (59%)

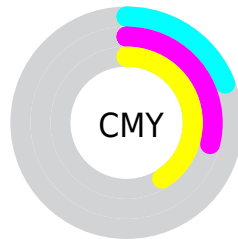


Cyan (0%)

Magenta (13%)

Yellow (28%)

Black (19%)



Cyan (19%)


Magenta (29%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.7610, 48.5152, 35.7012 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 47.7610, 48.5152, 35.7012 by changing the saturation by 10% instead.


 47.7610, 48.5152,
35.7012


 47.7610, 48.5152,
35.7012


368.4424,
380.8306, 342.6505

 33.8481, 34.2351,
23.9157

 86.0603, 87.9710,
69.7345

 22.9393, 23.0742,
15.0594


 111.1774,
113.9154, 92.8193

 14.6691, 14.6483,
8.7140


140.7600,
144.5168, 120.5076

 8.6723, 8.5730,
4.4609

175.1734,
180.1594, 153.2179

 4.5835, 4.4637,
1.8814

214.7830,
221.2277, 191.3688

 2.0372, 1.9362,
0.4809

259.9541,

 0.6547, 0.5700,

268.1061, 235.3789

0.0000

311.0521,
321.1789, 285.6666

■ 0.0000, 0.0000,
0.0000

■ 47.7610, 48.5152,
35.7012

■ 47.7610, 48.5152,
35.7012

■ 44.3845, 44.1982,
27.0658

■ 51.5646, 53.2146,
45.9327

■ 41.4134, 40.2456,
19.9412

■ 55.8083, 58.3006,
57.8339

■ 38.8291, 36.6476,
14.2383

■ 60.5093, 63.7854,
71.4771

■ 36.6104, 33.3913,
9.8575

■ 65.6826, 69.6788,
86.9297

■ 34.7332, 30.4626,
6.6861

■ 71.3423, 75.9903,
104.2553

■ 33.1696, 27.8456,
4.5922

■ 74.2542, 81.4296,
106.4116

■ 31.8820, 25.5204,
3.3921

■ 77.0699, 87.0609,
107.3502

■ 31.5923, 24.9858,
3.1576

■ 79.5422, 92.0054,
108.1742

Harmonies

Analogous

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



51.0791, 48.5152, 39.6364



47.7610, 48.5152, 35.7012



44.1642, 48.5152, 35.9065

Triad

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



47.7610, 48.5152, 35.7012



39.7480, 48.5152, 58.6889



51.3513, 48.5152, 67.7935

Complementary

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



47.7610, 48.5152, 35.7012



39.3650, 42.0383, 65.0710

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.



48.1167, 48.5152, 74.3646



47.7610, 48.5152, 35.7012



41.4783, 48.5152, 68.6554

Square

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



47.7610, 48.5152, 35.7012



39.6640, 48.5152, 48.2941



44.5019, 48.5152, 74.6992



53.2241, 48.5152, 57.6303

Rectangle

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



47.7610, 48.5152, 35.7012



42.0928, 48.5152, 38.3484



44.5019, 48.5152, 74.6992



50.3798, 48.5152, 70.5507

Sweetspot

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



47.7623, 48.5174, 35.7022



89.0412, 92.9621, 91.5451



44.5348, 38.2370, 46.4199



18.8281, 19.6245, 18.9399



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.



47.7623, 48.5174, 35.7022



73.2921, 73.6260, 48.8015



53.0225, 59.8211, 37.6068



12.3339, 12.8585, 12.4439



20.0003, 15.9336, 2.0214



1.1971, 1.0485, 0.1393

Inverse Universe

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



39.3650, 42.0383, 65.0710



57.6682, 61.5736, 103.4532



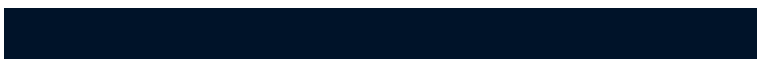
35.0995, 32.9840, 63.5482



11.6014, 12.2932, 15.0050



9.7326, 8.1118, 38.2453



0.6230, 0.6113, 2.1647

Previews

White Background



This preview shows how the XYZ color 47.7610, 48.5152, 35.7012 looks on a white background.

Color Contrast Check

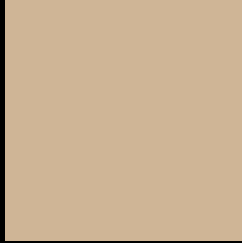
Large Text (above 18pt) WCAG AA × Fail

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 47.7610, 48.5152, 35.7012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

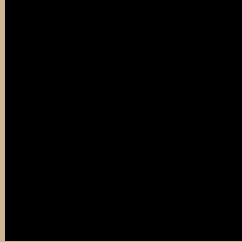
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.7610, 48.5152, 35.7012

Background



This preview shows how black text looks on a background with the XYZ color 47.7610, 48.5152, 35.7012.



This preview shows how white text looks on a background with the XYZ color 47.7610, 48.5152,

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

47.7610, 48.5152, 35.7012

Protanopia

45.7814, 48.7007, 36.6930

Deuteranopia

49.5306, 48.5222, 36.0333



Tritanopia

51.8620, 48.7218, 54.8149

Trichromacy



Original Color

47.7610, 48.5152, 35.7012

Protanomaly

46.5458, 48.7947, 36.2432

Deuteranomaly

48.8574, 48.4716, 36.0591

Tritanomaly

50.2366, 48.6376, 47.2977

Monochromacy



Original Color

47.7610, 48.5152, 35.7012

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.5792, 48.5970, 45.9549

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.7610, 48.5152, 35.7012 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, 181, 150)` looks like.

```
.text, #text, p{  
    color:rgb(207, 181, 150)  
}
```

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, 181, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 181, 150) }
```

Border

The CSS property to change the border of an element to XYZ 47.7610, 48.5152, 35.7012 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, 181, 150) }
```


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

```
.border{ border-color:rgb(207, 181, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 181, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 181, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 181, 150);  
box-shadow:4px 4px 4px 4px rgb(207, 181,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 47.7610, 48.5152, 35.7012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 181, 150) }
```

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

```
.background{ background-color: rgb(207,  
181, 150) }
```

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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