

Converting Colors

XYZ(47.5573, 47.8200, 35.1574)

Have a look what the booklet for
XYZ(47.5573, 47.8200, 35.1574)
contains.

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Color

**XYZ(47.5573, 47.8200,
35.1574)**

Conversions

Conversions Part 1

Format	Color
Hex	D0B395
RGB	208, 179, 149
RGB Percent	82%, 70%, 58%
CMY	0.1843, 0.2980, 0.4157
CMYK	0.00, 0.14, 0.28, 0.18
HSL	31°, 39%, 70%
HSV	31°, 28%, 82%
XYZ	47.5573, 47.8200, 35.1574
YIQ	184.2510, 26.9140, -3.1820

Conversions

Conversions Part 2

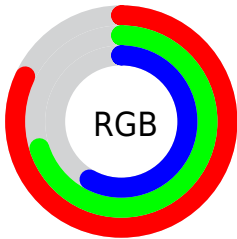
Format	Color
R _Y B	206, 208, 149
Decimal	13677461
CIE Lab	74.71, 5.95, 19.19
CIE LCh	75, 20.090, 72.780
Yxy	47.8200, 0.3643, 0.3663
Android (android.graphics.Color)	4291867541 (0xFFD0B395)
YUV	184.2510, -17.3787, 20.8279
Hunter-Lab	69.1520, 1.7422, 18.2629

Details

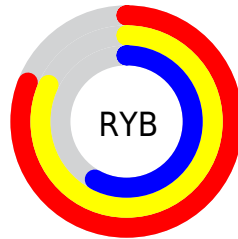
The XYZ color **47.5573, 47.8200, 35.1574** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.6995, 42.7831, 65.8402**, and the grayscale version is **45.7824, 48.1666, 52.4535**.

A 20% lighter version of the original color is **81.7278, 84.9885, 68.5968**, and **22.8023, 22.5759, 14.7110** is the 20% darker color. If you saturate the color by 10%, you get **44.0697, 43.2690, 26.5207**, and if you desaturate by 10%, it is **51.4959, 52.7978, 45.4087**.

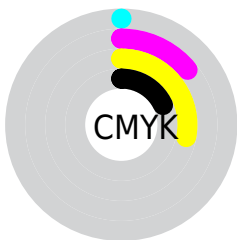
Distribution



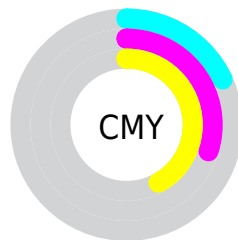
- Red (82%)
- Green (70%)
- Blue (58%)



- Red (81%)
- Yellow (82%)
- Blue (58%)



- Cyan (0%)
- Magenta (14%)
- Yellow (28%)
- Black (18%)





- Cyan (18%)
- Magenta (30%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.5573, 47.8200, 35.1574 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 47.5573, 47.8200, 35.1574 by changing the saturation by 10% instead.


 47.5573, 47.8200,
35.1574


 47.5573, 47.8200,
35.1574


367.6465,
378.0782, 340.1879

 33.6862, 33.6844,
23.4996

 85.7586, 86.9363,
68.8839

 22.8144, 22.6512,
14.7541


 110.8195,
112.6858, 91.7896

 14.5765, 14.3362,
8.5023


140.3411,
143.0754, 119.2818

 8.6071, 8.3549,
4.3256

174.6887,
178.4894, 151.7790

 4.5408, 4.3228,
1.8056

214.2277,
219.3124, 189.6996

 2.0124, 1.8557,
0.4317

259.3235,

 0.6409, 0.5216,

265.9285, 233.4623

0.0000

310.3413,
318.7223, 283.4855

■ 0.0000, 0.0000,
0.0000

■ 47.5573, 47.8200,
35.1574

■ 47.5573, 47.8200,
35.1574

■ 44.0697, 43.2690,
26.5207

■ 51.4959, 52.7978,
45.4087

■ 41.0102, 39.1254,
19.4114

■ 55.8996, 58.2080,
57.3496

■ 38.3596, 35.3778,
13.7385

■ 60.7864, 64.0645,
71.0542

■ 36.0952, 32.0114,
9.4000

■ 66.1720, 70.3783,
86.5908

■ 34.1915, 29.0102,
6.2802

■ 72.0715, 77.1601,
104.0246

■ 32.6193, 26.3565,
4.2433

■ 75.3222, 83.1494,
106.6873

■ 31.3358, 24.0269,
3.0837

■ 78.4225, 89.3499,
107.7207

■ 31.1437, 23.6724,
2.9278

■ 79.8225, 92.1499,
108.1874

Harmonies

Analogous

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



50.7902, 47.8200, 39.5942



47.5573, 47.8200, 35.1574



43.9192, 47.8200, 34.8487

Triad

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



47.5573, 47.8200, 35.1574



38.9555, 47.8200, 56.6338



50.3780, 47.8200, 68.2272

Complementary

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



47.5573, 47.8200, 35.1574



39.6995, 42.7831, 65.8402

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.



47.0190, 47.8200, 74.1898



47.5573, 47.8200, 35.1574



40.5006, 47.8200, 66.9195

Square

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



47.5573, 47.8200, 35.1574



39.0824, 47.8200, 46.3508



43.4088, 47.8200, 73.6815



52.4775, 47.8200, 58.2367

Rectangle

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



47.5573, 47.8200, 35.1574



41.7627, 47.8200, 36.9542



43.4088, 47.8200, 73.6815



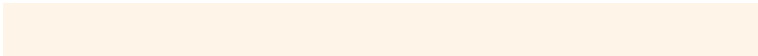
49.3513, 47.8200, 70.8254

Sweetspot

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



47.5585, 47.8222, 35.1584



88.0795, 91.6228, 89.4238



44.8464, 38.1398, 47.3816



18.6243, 19.3330, 18.5134



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.



47.5585, 47.8222, 35.1584



71.9773, 71.3812, 47.1768



53.9933, 60.6917, 37.3033



12.2986, 12.7879, 12.4321



19.5075, 14.9479, 1.8571



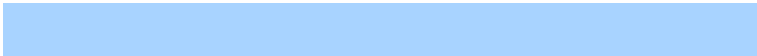
1.1701, 0.9945, 0.1303

Inverse Universe

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



39.6995, 42.7831, 65.8402



57.5340, 62.1210, 103.5659



34.5276, 32.4391, 64.1162



11.6365, 12.3633, 15.0167



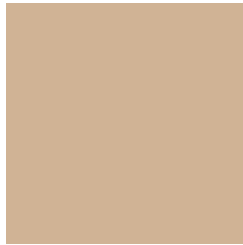
10.1671, 8.9807, 38.3901



0.6478, 0.6608, 2.1730

Previews

White Background



This preview shows how the XYZ color 47.5573, 47.8200, 35.1574 looks on a white background.

Color Contrast Check

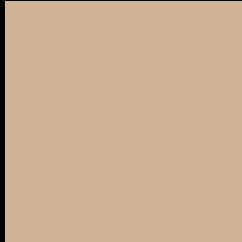
Large Text (above 18pt) WCAG AA × Fail

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 47.5573, 47.8200, 35.1574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

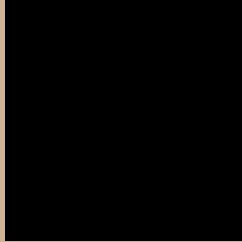
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.5573, 47.8200, 35.1574

Background



This preview shows how black text looks on a background with the XYZ color 47.5573, 47.8200, 35.1574.



This preview shows how white text looks on a background with the XYZ color 47.5573, 47.8200,

35.1574.

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

47.5573, 47.8200, 35.1574

Protanopia

45.2321, 48.1174, 36.1818

Deuteranopia

48.8785, 47.9103, 35.1052



Tritanopia

51.2571, 47.8570, 53.5495

Trichromacy



Original Color

47.5573, 47.8200, 35.1574

Protanomaly

46.0524, 47.9373, 35.6798

Deuteranomaly

48.4966, 48.0078, 35.1441

Tritanomaly

49.9321, 47.9167, 46.1523

Monochromacy



Original Color

47.5573, 47.8200, 35.1574

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

46.0710, 47.7336, 45.3134

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5573, 47.8200, 35.1574 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(208, 179, 149)` looks like.

```
.text, #text, p{  
    color:rgb(208, 179, 149)  
}
```

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(208, 179, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 179, 149) }
```

Border

The CSS property to change the border of an element to XYZ 47.5573, 47.8200, 35.1574 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(208, 179, 149) }
```


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

```
.border{ border-color:rgb(208, 179, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 179, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 179, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 179, 149);  
box-shadow:4px 4px 4px 4px rgb(208, 179,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5573, 47.8200, 35.1574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 179, 149) }
```

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

```
.background{ background-color: rgb(208,  
179, 149) }
```

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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