

Converting Colors

XYZ(47.0475, 50.9708, 35.3757)

Have a look what the booklet for
XYZ(47.0475, 50.9708, 35.3757)
contains.

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Color

**XYZ(47.0475, 50.9708,
35.3757)**

Conversions

Conversions Part 1

Format	Color
Hex	C6BE94
RGB	198, 190, 148
RGB Percent	78%, 75%, 58%
CMY	0.2235, 0.2549, 0.4196
CMYK	0.00, 0.04, 0.25, 0.22
HSL	50°, 30%, 68%
HSV	50°, 25%, 78%
XYZ	47.0475, 50.9708, 35.3757
YIQ	187.6040, 18.2500, -11.3660

Conversions

Conversions Part 2

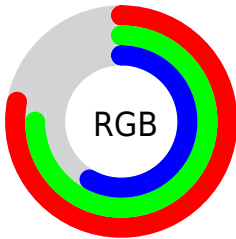
Format	Color
R _Y B	158, 198, 148
Decimal	13024916
CIE Lab	76.66, -3.88, 22.27
CIE LCh	77, 22.604, 99.887
Yxy	50.9708, 0.3527, 0.3821
Android (android.graphics.Color)	4291214996 (0xFFC6BE94)
YUV	187.6040, -19.5248, 9.1173
Hunter-Lab	71.3938, -7.3103, 20.5974

Details

The XYZ color **47.0475, 50.9708, 35.3757** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.2942, 34.1493, 58.2104**, and the grayscale version is **47.6764, 50.1593, 54.6235**.

A 20% lighter version of the original color is **84.8564, 91.4358, 69.0536**, and **22.6049, 24.6837, 14.8823** is the 20% darker color. If you saturate the color by 10%, you get **44.9345, 49.0419, 27.5895**, and if you desaturate by 10%, it is **49.4461, 53.0413, 44.5810**.

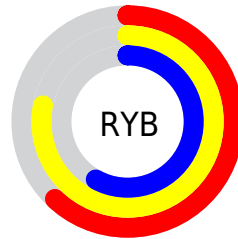
Distribution



Red (78%)

Green (75%)

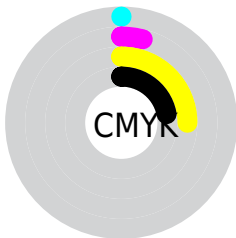
Blue (58%)



Red (62%)

Yellow (78%)

Blue (58%)

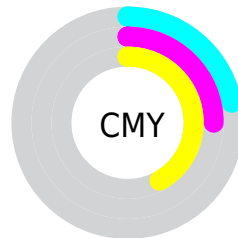


Cyan (0%)

Magenta (4%)

Yellow (25%)

Black (22%)



Cyan (22%)

Magenta (25%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.0475, 50.9708, 35.3757 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 47.0475, 50.9708, 35.3757 by changing the saturation by 10% instead.

■ 47.0475, 50.9708,
35.3757

■ 47.0475, 50.9708,
35.3757

365.6498,
390.4503, 341.1781

■ 33.2813, 36.1854,
23.6666

■ 85.0028, 91.6116,
69.2255

■ 22.5023, 24.5774,
14.8765

■ 109.9227,
118.2358, 92.2033

■ 14.3451, 15.7625,
8.5871

139.2911,
149.5750, 119.7744

■ 8.4444, 9.3562,
4.3798

173.4735,
186.0136, 152.3573

■ 4.4348, 4.9743,
1.8359

212.8353,
227.9361, 190.3706

■ 1.9509, 2.2322,
0.4515

257.7417,

■ 0.6062, 0.7374,

275.7267, 234.2328

0.0000

308.5581,
329.7700, 284.3624

0.0000, 0.0000,
0.0000

47.0475, 50.9708,
35.3757

47.0475, 50.9708,
35.3757

44.9345, 49.0419,
27.5895

49.4461, 53.0413,
44.5810

43.0896, 47.2421,
21.1473

52.1393, 55.2519,
55.2689

41.4989, 45.5676,
15.9719

55.1401, 57.6097,
67.5030

40.1462, 44.0117,
11.9772

58.4600, 60.1194,
81.3423

39.0128, 42.5668,
9.0659

62.1097, 62.7853,
96.8426

■ 38.0774, 41.2240,
7.1256

■ 64.1400, 64.8282,
103.7403

■ 37.3136, 39.9729,
6.0189

■ 64.9247, 66.3975,
104.0018

■ 36.9865, 39.4011,
5.6558

■ 65.7248, 67.9978,
104.2686

■ 66.5406, 69.6293,
104.5405

Harmonies

Analogous

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



51.3301, 50.9708, 36.1867



47.0475, 50.9708, 35.3757



43.3605, 50.9708, 39.3143

Triad

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



47.0475, 50.9708, 35.3757



42.4048, 50.9708, 72.0174



56.5879, 50.9708, 63.9996

Complementary

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



47.0475, 50.9708, 35.3757



34.2942, 34.1493, 58.2104

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.



53.9148, 50.9708, 75.6076



47.0475, 50.9708, 35.3757



45.6724, 50.9708, 80.6883

Square

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



47.0475, 50.9708, 35.3757



40.7863, 50.9708, 59.6426



49.8724, 50.9708, 82.0910



57.0097, 50.9708, 51.5510

Rectangle

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



47.0475, 50.9708, 35.3757



41.6735, 50.9708, 44.4989



49.8724, 50.9708, 82.0910



55.9156, 50.9708, 68.1761

Sweetspot

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



47.0488, 50.9731, 35.3768



90.9058, 96.6913, 92.1666



39.9082, 35.5979, 36.3691



19.2993, 20.5668, 19.0969



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.



47.0488, 50.9731, 35.3768



81.3070, 88.4560, 55.1716



44.6742, 52.3908, 35.7756



11.3739, 12.1170, 11.3021



24.1054, 25.7280, 3.6955



1.1812, 1.2978, 0.1882

Inverse Universe

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



34.2942, 34.1493, 58.2104



55.0978, 53.8897, 102.1055



36.2314, 33.2214, 57.9292



10.1914, 10.5569, 13.4180



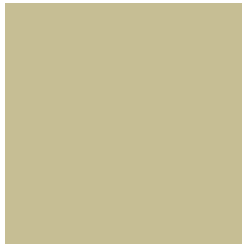
7.0004, 3.3947, 35.0306



0.3758, 0.2495, 1.6735

Previews

White Background



This preview shows how the XYZ color 47.0475, 50.9708, 35.3757 looks on a white background.

Color Contrast Check

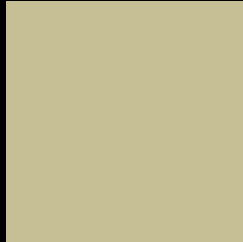
Large Text (above 18pt) WCAG AA × Fail

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 47.0475, 50.9708, 35.3757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

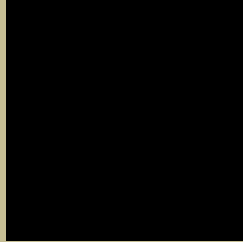
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.0475, 50.9708, 35.3757

Background



This preview shows how black text looks on a background with the XYZ color 47.0475, 50.9708, 35.3757.



This preview shows how white text looks on a background with the XYZ color 47.0475, 50.9708,

35.3757.

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

47.0475, 50.9708, 35.3757

Protanopia

47.8212, 51.0583, 34.9386

Deuteranopia

52.0518, 51.0301, 35.9605



Tritanopia

52.0284, 50.7816, 60.4857

Trichromacy



Original Color

47.0475, 50.9708, 35.3757

Protanomaly

47.5515, 50.9193, 34.9259

Deuteranomaly

50.2143, 51.0140, 35.6339

Tritanomaly

50.1542, 50.9697, 50.3747

Monochromacy



Original Color

47.0475, 50.9708, 35.3757

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

47.4786, 50.6188, 46.8032

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.0475, 50.9708, 35.3757 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(198, 190, 148)` looks like.

```
.text, #text, p{  
    color:rgb(198, 190, 148)  
}
```

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(198, 190, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 190, 148) }
```

Border

The CSS property to change the border of an element to XYZ 47.0475, 50.9708, 35.3757 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(198, 190, 148) }
```


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

```
.border{ border-color:rgb(198, 190, 148) }
```

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

Here you see how a box with a 4 pixel rgb(198, 190, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 190, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 190, 148);  
box-shadow:4px 4px 4px 4px rgb(198, 190,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 47.0475, 50.9708, 35.3757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 190, 148) }
```

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

```
.background{ background-color: rgb(198,  
190, 148) }
```

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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