

Converting Colors

XYZ(47.4780, 48.6473, 36.8008)

Have a look what the booklet for
XYZ(47.4780, 48.6473, 36.8008)
contains.

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Color

**XYZ(47.5723, 48.7020,
36.5989)**

Conversions

Conversions Part 1

Format	Color
Hex	CDB698
RGB	205, 182, 152
RGB Percent	80%, 71%, 60%
CMY	0.1961, 0.2863, 0.4039
CMYK	0.00, 0.11, 0.26, 0.20
HSL	34°, 35%, 70%
HSV	34°, 26%, 80%
XYZ	47.5723, 48.7020, 36.5989
YIQ	185.4570, 23.3380, -4.4540

Conversions

Conversions Part 2

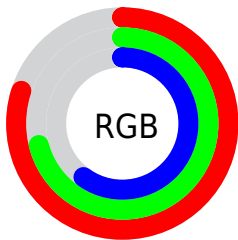
Format	Color
RYB	193, 205, 152
Decimal	13481624
CIELab	75.27, 3.60, 18.30
CIELCh	75, 18.646, 78.868
Yxy	48.7020, 0.3580, 0.3665
Android (android.graphics.Color)	4291671704 (0xFFCDB698)
YUV	185.4570, -16.4943, 17.1392
Hunter-Lab	69.7868, -0.4470, 17.7568

Details

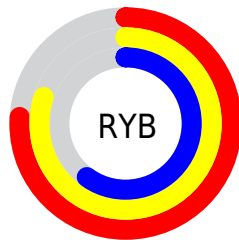
The XYZ color **47.5723, 48.7020, 36.5989** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.2981, 41.7422, 63.7437**, and the grayscale version is **46.4497, 48.8687, 53.2180**.

A 20% lighter version of the original color is **82.9551, 86.8653, 70.7870**, and **22.7769, 23.1241, 15.5748** is the 20% darker color. If you saturate the color by 10%, you get **44.2725, 44.5610, 27.9191**, and if you desaturate by 10%, it is **51.2806, 53.1949, 46.8477**.

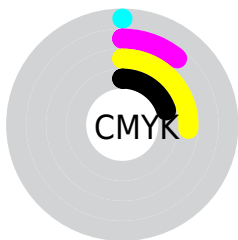
Distribution



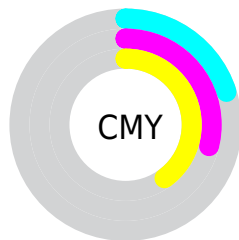
- Red (80%)
- Green (71%)
- Blue (60%)



- Red (76%)
- Yellow (80%)
- Blue (60%)



- Cyan (0%)
- Magenta (11%)
- Yellow (26%)
- Black (20%)





- Cyan (20%)
- Magenta (29%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.5723, 48.7020, 36.5989 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 47.5723, 48.7020, 36.5989 by changing the saturation by 10% instead.


 47.5723, 48.7020,
36.5989

 47.5723, 48.7020,
36.5989


367.7052,
381.5680, 346.6870

 33.6981, 34.3831,
24.6037


 85.7808, 88.2487,
71.1349

 22.8236, 23.1881,
15.5657


 110.8459,
114.2453, 94.5128

 14.5833, 14.7325,
9.0664


140.3720,
144.9033, 122.5220

 8.6119, 8.6318,
4.6871

174.7245,
180.6071, 155.5811

 4.5440, 4.5018,
2.0094

214.2687,
221.7411, 194.1086

 2.0142, 1.9581,
0.5610

259.3699,

 0.6419, 0.5829,

268.6896, 238.5231

0.0000

310.3937,
321.8371, 289.2430

■ 0.0000, 0.0000,
0.0000

■ 47.5723, 48.7020,
36.5989

■ 47.5723, 48.7020,
36.5989

■ 44.2725, 44.5610,
27.9191

■ 51.2806, 53.1949,
46.8477

■ 41.3604, 40.7551,
20.7260

■ 55.4095, 58.0429,
58.7361

■ 38.8187, 37.2756,
14.9341

■ 59.9753, 63.2573,
72.3341

■ 36.6272, 34.1109,
10.4482

■ 64.9921, 68.8470,
87.7066

■ 34.7634, 31.2481,
7.1608

■ 70.4735, 74.8204,
104.9153

■ 33.2013, 28.6730,
4.9470

■ 73.0422, 79.8297,
106.1667

■ 31.9091, 26.3689,
3.6520

■ 75.6583, 85.0618,
107.0387

■ 31.4286, 25.4824,
3.2621

■ 78.4035, 90.5524,
107.9538

■ 78.9870, 91.7192,
108.1483

Harmonies

Analogous

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



50.7560, 48.7020, 40.0591



47.5723, 48.7020, 36.5989



44.1936, 48.7020, 37.1154

Triad

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



47.5723, 48.7020, 36.5989



40.3364, 48.7020, 59.3611



51.4266, 48.7020, 66.4201

Complementary

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



47.5723, 48.7020, 36.5989



39.2981, 41.7422, 63.7437

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.



48.4512, 48.7020, 72.9414



47.5723, 48.7020, 36.5989



42.0936, 48.7020, 68.5318

Square

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



47.5723, 48.7020, 36.5989



40.1271, 48.7020, 49.4712



45.0305, 48.7020, 73.7586



53.0533, 48.7020, 56.7517

Rectangle

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



47.5723, 48.7020, 36.5989



42.2809, 48.7020, 39.6633



45.0305, 48.7020, 73.7586



50.5444, 48.7020, 69.1014

Sweetspot

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



47.5736, 48.7042, 36.5999



89.1787, 93.2371, 91.5909



44.2272, 38.5649, 46.1098



18.8628, 19.6938, 18.9514



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.



47.5736, 48.7042, 36.5999



74.8492, 75.9479, 51.7628



51.9511, 58.5354, 38.2668



11.7305, 12.2499, 11.8256



19.6614, 16.0558, 2.0628



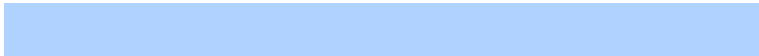
1.0889, 0.9775, 0.1313

Inverse Universe

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



39.2981, 41.7422, 63.7437



59.0512, 62.6603, 103.5901



35.6988, 33.7989, 62.4002



10.9954, 11.6313, 14.2359



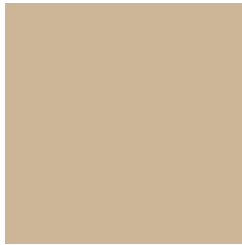
9.1720, 7.3679, 36.8950



0.5481, 0.5300, 1.9284

Previews

White Background



This preview shows how the XYZ color 47.5723, 48.7020, 36.5989 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 47.5723, 48.7020, 36.5989 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 47.5723, 48.7020, 36.5989

Background



This preview shows how black text looks on a background with the XYZ color 47.5723, 48.7020, 36.5989.



This preview shows how white text looks on a background with the XYZ color 47.5723, 48.7020,

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

47.5723, 48.7020, 36.5989

Protanopia

45.8637, 48.7336, 37.1262

Deuteranopia

49.6945, 48.5878, 36.8962



Tritanopia

51.5947, 48.8636, 55.4275

Trichromacy



Original Color

47.5723, 48.7020, 36.5989

Protanomaly

46.4434, 48.7230, 37.0936

Deuteranomaly

48.7338, 48.3890, 36.9085

Tritanomaly

49.9690, 48.7847, 47.8570

Monochromacy



Original Color

47.5723, 48.7020, 36.5989

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.4215, 48.5046, 46.4508

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5723, 48.7020, 36.5989 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(205, 182, 152) looks like.

```
.text, #text, p{  
    color:rgb(205, 182, 152)  
}
```

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(205, 182, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 182, 152) }
```

Border

The CSS property to change the border of an element to XYZ 47.5723, 48.7020, 36.5989 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(205, 182, 152) }
```


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

```
.border{ border-color:rgb(205, 182, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 182, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 182, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 182, 152);  
box-shadow:4px 4px 4px 4px rgb(205, 182,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5723, 48.7020, 36.5989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 182, 152) }
```

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

```
.background{ background-color: rgb(205,  
182, 152) }
```

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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