

Converting Colors

XYZ(45.0664, 47.3911, 37.3440)

Have a look what the booklet for
XYZ(45.0664, 47.3911, 37.3440)
contains.

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Color

**XYZ(45.0664, 47.3911,
37.3440)**

Conversions

Conversions Part 1

Format	Color
Hex	C3B69A
RGB	195, 182, 154
RGB Percent	76%, 71%, 60%
CMY	0.2353, 0.2863, 0.3961
CMYK	0.00, 0.07, 0.21, 0.24
HSL	41°, 25%, 68%
HSV	41°, 21%, 76%
XYZ	45.0664, 47.3911, 37.3440
YIQ	182.6950, 16.7360, -5.9520

Conversions

Conversions Part 2

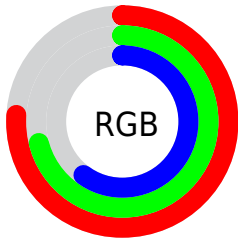
Format	Color
RYB	173, 195, 154
Decimal	12826266
CIELab	74.44, 0.07, 15.93
CIELCh	74, 15.933, 89.766
Yxy	47.3911, 0.3472, 0.3651
Android (android.graphics.Color)	4291016346 (0xFFC3B69A)
YUV	182.6950, -14.1466, 10.7915
Hunter-Lab	68.8412, -3.6183, 16.0260

Details

The XYZ color **45.0664, 47.3911, 37.3440** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.9953, 38.4468, 57.1013**, and the grayscale version is **44.9123, 47.2513, 51.4566**.

A 20% lighter version of the original color is **82.1046, 86.3986, 72.0237**, and **21.2829, 22.3425, 16.0228** is the 20% darker color. If you saturate the color by 10%, you get **42.3348, 44.3191, 29.0612**, and if you desaturate by 10%, it is **48.1203, 50.6847, 47.0370**.

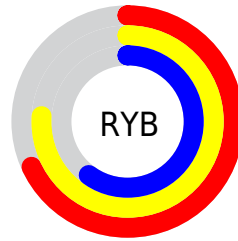
Distribution



Red (76%)

Green (71%)

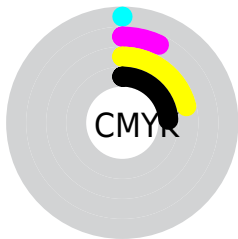
Blue (60%)



Red (68%)

Yellow (76%)

Blue (60%)

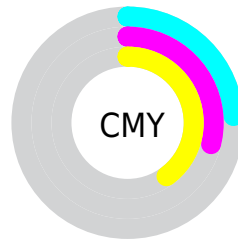


Cyan (0%)

Magenta (7%)

Yellow (21%)

Black (24%)



Cyan (24%)

Magenta (29%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.0664, 47.3911, 37.3440 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 45.0664, 47.3911, 37.3440 by changing the saturation by 10% instead.


 45.0664, 47.3911,
37.3440

 45.0664, 47.3911,
37.3440


357.8216,
376.3735, 350.0109

 31.7112, 33.3449,
25.1761


 82.0565, 86.2971,
72.2938

 21.2955, 22.3908,
15.9881


 106.4221,
111.9258, 95.9127

 13.4539, 14.1444,
9.3614


135.1886,
142.1840, 124.1857

 7.8210, 8.2211,
4.8777

168.7214,
177.4563, 157.5313

 4.0314, 4.2368,
2.1182

207.3857,
218.1270, 196.3681

 1.7199, 1.8069,
0.6266

251.5469,

 0.4687, 0.4915,

264.5805, 241.1146

0.0000

301.5704,
317.2012, 292.1894

■ 0.0000, 0.0000,
0.0000

■ 45.0664, 47.3911,
37.3440

■ 45.0664, 47.3911,
37.3440

■ 42.3348, 44.3191,
29.0612

■ 48.1203, 50.6847,
47.0370

■ 39.9083, 41.4557,
22.1184

■ 51.5052, 54.1997,
58.2000

■ 37.7736, 38.7962,
16.4439

■ 55.2344, 57.9439,
70.8928

■ 35.9149, 36.3330,
11.9578

■ 59.3189, 61.9230,
85.1712

■ 34.3146, 34.0579,
8.5712

■ 63.7694, 66.1423,
101.0878

■ 32.9527, 31.9616,
6.1828

■ 65.9112, 69.5329,
104.5550

■ 31.8056, 30.0335,
4.6718

■ 67.5548, 72.8200,
105.1029

■ 30.9194, 28.4293,
3.8578

■ 69.2589, 76.2282,
105.6709

■ 71.0241, 79.7587,
106.2593

Harmonies

Analogous

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



47.8826, 47.3911, 39.1053



45.0664, 47.3911, 37.3440



42.3570, 47.3911, 39.0516

Triad

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



45.0664, 47.3911, 37.3440



40.4174, 47.3911, 59.8590



49.9863, 47.3911, 59.9828

Complementary

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



45.0664, 47.3911, 37.3440



36.9953, 38.4468, 57.1013

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.



47.8419, 47.3911, 66.5861



45.0664, 47.3911, 37.3440



42.3195, 47.3911, 66.5095

Square

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



45.0664, 47.3911, 37.3440



39.7433, 47.3911, 51.5362



45.0212, 47.3911, 69.0904



50.7959, 47.3911, 51.6655

Rectangle

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



45.0664, 47.3911, 37.3440



40.9575, 47.3911, 42.0431



45.0212, 47.3911, 69.0904



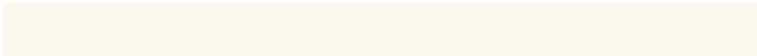
49.3933, 47.3911, 62.5073

Sweetspot

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



45.0677, 47.3932, 37.3450



89.0979, 93.8307, 93.7682



41.0987, 37.5287, 41.9614



19.4234, 20.4563, 20.2440



0.0000, 0.0000, 0.0000



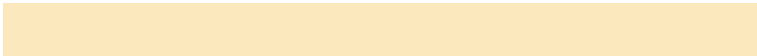
20.3446, 21.4041, 23.3091

Same Dimension

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



45.0677, 47.3932, 37.3450



78.5120, 82.4323, 60.1094



46.1284, 52.0763, 38.1930



10.6355, 11.2024, 10.6636



20.1741, 18.6339, 2.5334



0.9313, 0.9245, 0.1294

Inverse Universe

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



36.9953, 38.4468, 57.1013



61.5968, 63.6882, 101.5163



36.0709, 34.6118, 56.4097



9.7831, 10.2575, 12.7491



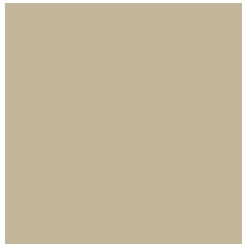
7.5826, 4.9218, 34.1070



0.3907, 0.3388, 1.4947

Previews

White Background



This preview shows how the XYZ color 45.0664, 47.3911, 37.3440 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 45.0664, 47.3911, 37.3440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

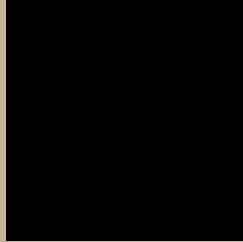
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.0664, 47.3911, 37.3440

Background



This preview shows how black text looks on a background with the XYZ color 45.0664, 47.3911, 37.3440.



This preview shows how white text looks on a background with the XYZ color 45.0664, 47.3911,

37.3440.

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

45.0664, 47.3911, 37.3440

Protanopia

44.7585, 47.5375, 37.3885

Deuteranopia

48.3057, 47.2661, 37.5876



Tritanopia

48.9455, 47.4852, 55.8761

Trichromacy



Original Color

45.0664, 47.3911, 37.3440

Protanomaly

45.0144, 47.6694, 37.4005

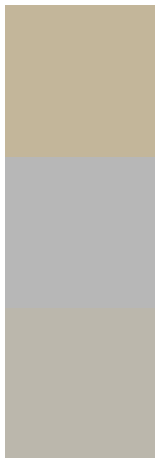
Deuteranomaly

47.0136, 47.1865, 37.6404

Tritanomaly

47.4447, 47.4603, 48.7796

Monochromacy



Original Color

45.0664, 47.3911, 37.3440

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.8734, 47.4103, 45.8158

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.0664, 47.3911, 37.3440 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(195, 182, 154)` looks like.

```
.text, #text, p{  
    color:rgb(195, 182, 154)  
}
```

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(195, 182, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 182, 154) }
```

Border

The CSS property to change the border of an element to XYZ 45.0664, 47.3911, 37.3440 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(195, 182, 154) }
```


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

```
.border{ border-color:rgb(195, 182, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 182, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 182, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 182, 154);  
box-shadow:4px 4px 4px 4px rgb(195, 182,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 45.0664, 47.3911, 37.3440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 182, 154) }
```

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

```
.background{ background-color: rgb(195,  
182, 154) }
```

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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