

Converting Colors

XYZ(51.7597, 47.6277, 37.0369)

Have a look what the booklet for
XYZ(51.7597, 47.6277, 37.0369)
contains.

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Color

**XYZ(51.7597, 47.6277,
37.0369)**

Conversions

Conversions Part 1

Format	Color
Hex	E2AB9A
RGB	226, 171, 154
RGB Percent	89%, 67%, 60%
CMY	0.1137, 0.3294, 0.3961
CMYK	0.00, 0.24, 0.32, 0.11
HSL	14°, 55%, 75%
HSV	14°, 32%, 89%
XYZ	51.7597, 47.6277, 37.0369
YIQ	185.5070, 38.2370, 6.3730

Conversions

Conversions Part 2

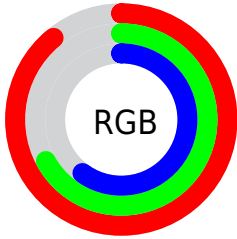
Format	Color
R _Y B	226, 176, 154
Decimal	14855066
CIE Lab	74.59, 17.84, 16.58
CIE LCh	75, 24.350, 42.905
Yxy	47.6277, 0.3794, 0.3491
Android (android.graphics.Color)	4293045146 (0xFFE2AB9A)
YUV	185.5070, -15.5330, 35.5124
Hunter-Lab	69.0128, 13.1028, 16.4900

Details

The XYZ color **51.7597, 47.6277, 37.0369** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.8536, 57.9600, 80.5115**, and the grayscale version is **46.4666, 48.8865, 53.2374**.

A 20% lighter version of the original color is **79.8215, 80.2068, 70.9489**, and **25.4072, 22.6079, 15.8566** is the 20% darker color. If you saturate the color by 10%, you get **47.0014, 40.8450, 27.0223**, and if you desaturate by 10%, it is **57.3008, 55.4084, 49.0618**.

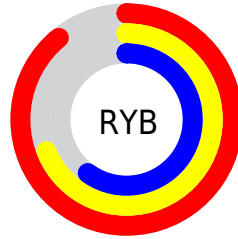
Distribution



Red (89%)

Green (67%)

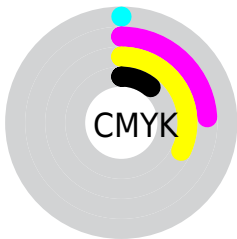
Blue (60%)



Red (89%)

Yellow (69%)

Blue (60%)

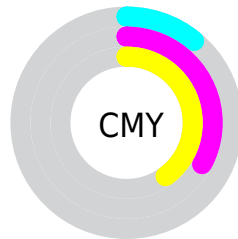


Cyan (0%)

Magenta (24%)

Yellow (32%)

Black (11%)



Cyan (11%)


Magenta (33%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.7597, 47.6277, 37.0369 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 51.7597, 47.6277, 37.0369 by changing the saturation by 10% instead.


 51.7597, 47.6277,
37.0369


 51.7597, 47.6277,
37.0369


383.8474,
377.3145, 348.6438

 37.0371, 33.5322,
24.9401


 91.9531, 86.6498,
71.8165

 25.4100, 22.5344,
15.8138


 118.1545,
112.3452, 95.3363

 16.5131, 14.2501,
9.2396


148.9130,
142.6760, 123.5009

 9.9811, 8.2948,
4.7988

184.5938,
178.0265, 156.7287

 5.4486, 4.2842,
2.0730

225.5622,
218.7813, 195.4384

 2.5502, 1.8338,
0.5997

272.1838,

 0.9207, 0.5081,

265.3246, 240.0484

0.0000

324.8237,
318.0409, 290.9774

■ 0.0000, 0.0000,
0.0000

■ 51.7597, 47.6277,
37.0369

■ 51.7597, 47.6277,
37.0369

■ 47.0014, 40.8450,
27.0223

■ 57.3008, 55.4084,
49.0618

■ 42.9858, 35.0127,
18.9045

■ 63.6548, 64.2186,
63.1960

■ 39.6748, 30.0897,
12.5635

■ 70.8547, 74.0969,
79.5355

■ 37.0253, 26.0285,
7.8638

■ 78.9307, 85.0777,
98.1695

■ 34.9888, 22.7778,
4.6504

■ 85.1741, 94.9088,
108.4378

■ 33.5095, 20.2796,
2.7378

■ 32.6544, 18.7494,
1.8979

Harmonies

Analogous

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



54.0357, 47.6277, 46.6279



51.7597, 47.6277, 37.0369



47.8041, 47.6277, 31.9586

Triad

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



51.7597, 47.6277, 37.0369



37.6468, 47.6277, 45.0506



47.1866, 47.6277, 79.2749

Complementary

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



51.7597, 47.6277, 37.0369



49.8536, 57.9600, 80.5115

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.



42.8246, 47.6277, 78.6674



51.7597, 47.6277, 37.0369



37.5053, 47.6277, 57.4662

Square

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



51.7597, 47.6277, 37.0369



39.7445, 47.6277, 36.0441



39.3444, 47.6277, 70.1851



51.2825, 47.6277, 71.7303

Rectangle

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



51.7597, 47.6277, 37.0369



44.8408, 47.6277, 31.2111



39.3444, 47.6277, 70.1851



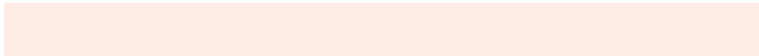
45.6993, 47.6277, 80.0490

Sweetspot

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



51.7609, 47.6299, 37.0379



85.3109, 86.6614, 86.7263



54.4534, 43.8938, 66.0542



17.9868, 18.1727, 17.9474



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.



51.7609, 47.6299, 37.0379



63.9411, 56.7739, 39.9813



59.4615, 63.0310, 39.6047



13.9687, 14.2234, 14.3159



18.7055, 10.8488, 1.1081



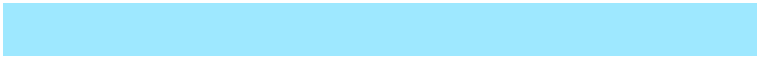
1.3651, 0.8890, 0.0996

Inverse Universe

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



49.8536, 57.9600, 80.5115



61.0591, 72.2770, 105.3404



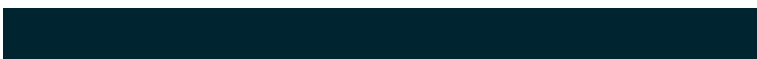
42.0363, 42.3255, 77.9057



13.8279, 14.9949, 17.5532



16.4113, 20.2921, 44.1002



1.2046, 1.5407, 3.0791

Previews

White Background



This preview shows how the XYZ color 51.7597, 47.6277, 37.0369 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 51.7597, 47.6277, 37.0369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

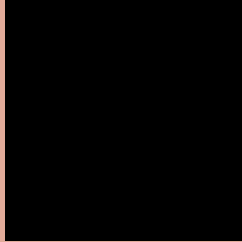
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.7597, 47.6277, 37.0369

Background



This preview shows how black text looks on a background with the XYZ color 51.7597, 47.6277, 37.0369.



This preview shows how white text looks on a background with the XYZ color 51.7597, 47.6277,

37.0369.

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

51.7597, 47.6277, 37.0369

Protanopia

45.2710, 47.7425, 40.0869

Deuteranopia

48.6233, 47.7412, 36.7892



Tritanopia

54.3700, 47.5907, 49.5003

Trichromacy



Original Color

51.7597, 47.6277, 37.0369

Protanomaly

47.4685, 47.6880, 39.0506

Deuteranomaly

49.6950, 47.7116, 36.7270

Tritanomaly

53.3482, 47.4395, 44.8731

Monochromacy



Original Color

51.7597, 47.6277, 37.0369

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

48.2512, 48.5212, 46.8668

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.7597, 47.6277, 37.0369 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(226, 171, 154)` looks like.

```
.text, #text, p{  
    color:rgb(226, 171, 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(226, 171, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 171, 154) }
```

Border

The CSS property to change the border of an element to XYZ 51.7597, 47.6277, 37.0369 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(226, 171, 154) }
```


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

```
.border{ border-color:rgb(226, 171, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 171, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 171, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 171, 154);  
box-shadow:4px 4px 4px 4px rgb(226, 171,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 51.7597, 47.6277, 37.0369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 171, 154) }
```

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

```
.background{ background-color: rgb(226,  
171, 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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