

Converting Colors

XYZ(51.7771, 48.5609, 37.6975)

Have a look what the booklet for
XYZ(51.7771, 48.5609, 37.6975)
contains.

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Color

**XYZ(51.7929, 48.4860,
37.6393)**

Conversions

Conversions Part 1

Format	Color
Hex	E0AE9B
RGB	224, 174, 155
RGB Percent	88%, 68%, 61%
CMY	0.1216, 0.3176, 0.3922
CMYK	0.00, 0.22, 0.31, 0.12
HSL	17°, 53%, 74%
HSV	17°, 31%, 88%
XYZ	51.7929, 48.4860, 37.6393
YIQ	186.7840, 35.8990, 4.6910

Conversions

Conversions Part 2

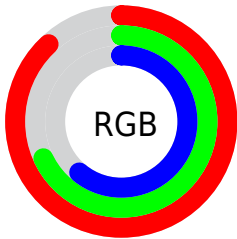
Format	Color
RYB	224, 181, 155
Decimal	14724763
CIELab	75.13, 15.59, 16.76
CIElCh	75, 22.889, 47.063
Yxy	48.4860, 0.3755, 0.3516
Android (android.graphics.Color)	4292914843 (0xFFE0AE9B)
YUV	186.7840, -15.6695, 32.6384
Hunter-Lab	69.6319, 10.9143, 16.6933

Details

The XYZ color **51.7929, 48.4860, 37.6393** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.8026, 56.0110, 78.7601**, and the grayscale version is **47.1848, 49.6421, 54.0602**.

A 20% lighter version of the original color is **81.0454, 82.4571, 71.9659**, and **25.4845, 22.9991, 16.1928** is the 20% darker color. If you saturate the color by 10%, you get **47.1352, 41.9070, 27.6507**, and if you desaturate by 10%, it is **57.1810, 55.9670, 49.5940**.

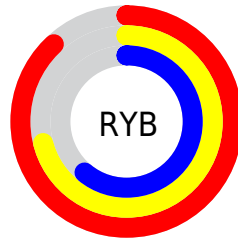
Distribution



Red (88%)

Green (68%)

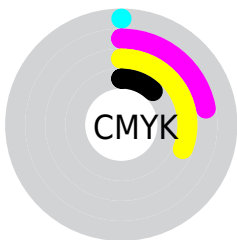
Blue (61%)



Red (88%)

Yellow (71%)

Blue (61%)

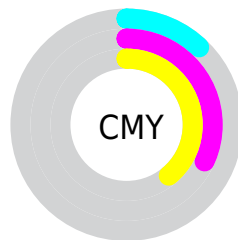


Cyan (0%)

Magenta (22%)

Yellow (31%)

Black (12%)



Cyan (12%)


Magenta (32%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.7929, 48.4860, 37.6393 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 51.7929, 48.4860, 37.6393 by changing the saturation by 10% instead.

 51.7929, 48.4860,
37.6393


 51.7929, 48.4860,
37.6393


383.9737,
380.7153, 351.3218

 37.0636, 34.2119,
25.4032

 92.0018, 87.9276,
72.7522

 25.4307, 23.0564,
16.1560


 118.2121,
113.8638, 96.4661

 16.5286, 14.6352,
9.4790


148.9801,
144.4563, 124.8430

 9.9922, 8.5638,
4.9539

184.6713,
180.0894, 158.3015

 5.4560, 4.4578,
2.1620

225.6508,
221.1474, 197.2601

 2.5547, 1.9328,
0.6523

272.2842,

 0.9229, 0.5680,

268.0148, 242.1373

0.0000

324.9367,
321.0760, 293.3517

■ 0.0000, 0.0000,
0.0000

■ 51.7929, 48.4860,
37.6393

■ 51.7929, 48.4860,
37.6393

■ 47.1352, 41.9070,
27.6507

■ 57.1810, 55.9670,
49.5940

■ 43.1714, 36.1884,
19.5191

■ 63.3264, 64.3757,
63.6101

■ 39.8673, 31.2957,
13.1289

■ 70.2590, 73.7455,
79.7801

■ 37.1840, 27.1890,
8.3504

■ 78.0063, 84.1059,
98.1902

■ 35.0781, 23.8249,
5.0355

■ 84.5505, 94.5873,
108.4086

■ 33.4998, 21.1553,
3.0080

■ 32.4467, 19.2597,
2.0074

Harmonies

Analogous

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



54.2229, 48.4860, 46.3083



51.7929, 48.4860, 37.6393



47.9117, 48.4860, 33.3482

Triad

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



51.7929, 48.4860, 37.6393



38.6704, 48.4860, 47.7944



48.4890, 48.4860, 78.0636

Complementary

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



51.7929, 48.4860, 37.6393



48.8026, 56.0110, 78.7601

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.



44.3044, 48.4860, 78.6230



51.7929, 48.4860, 37.6393



38.8041, 48.4860, 59.8565

Square

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



51.7929, 48.4860, 37.6393



40.4346, 48.4860, 38.5846



40.8117, 48.4860, 71.5496



52.2376, 48.4860, 70.1206

Rectangle

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



51.7929, 48.4860, 37.6393



45.1010, 48.4860, 33.0468



40.8117, 48.4860, 71.5496



47.0822, 48.4860, 79.1596

Sweetspot

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



51.7942, 48.4883, 37.6403



86.4953, 88.4545, 88.8958



53.5541, 43.7273, 63.7559



18.2353, 18.5550, 18.3837



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.



51.7942, 48.4883, 37.6403



65.3356, 59.2077, 41.5413



59.1886, 63.2771, 40.1051



14.0130, 14.3119, 14.3307



18.9692, 11.3762, 1.1960



1.3886, 0.9361, 0.1075

Inverse Universe

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



48.8026, 56.0110, 78.7601



60.7004, 70.8065, 105.0755



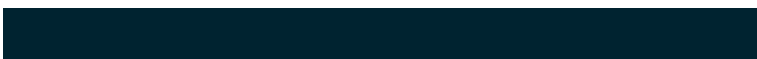
41.5544, 41.5145, 76.3440



13.7807, 14.9005, 17.5375



15.4840, 18.4376, 43.7911



1.1470, 1.4254, 3.0599

Previews

White Background



This preview shows how the XYZ color 51.7929, 48.4860, 37.6393 looks on a white background.

Color Contrast Check

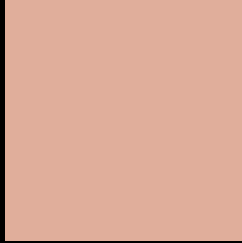
Large Text (above 18pt) WCAG AA × Fail

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 51.7929, 48.4860, 37.6393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

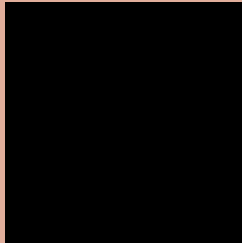
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.7929, 48.4860, 37.6393

Background



This preview shows how black text looks on a background with the XYZ color 51.7929, 48.4860, 37.6393.



This preview shows how white text looks on a background with the XYZ color 51.7929, 48.4860,

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

51.7929, 48.4860, 37.6393

Protanopia

45.9423, 48.7053, 40.2374

Deuteranopia

49.4847, 48.4700, 37.3194



Tritanopia

54.6005, 48.4992, 51.2833

Trichromacy



Original Color

51.7929, 48.4860, 37.6393

Protanomaly

47.8723, 48.4955, 39.1852

Deuteranomaly

50.4683, 48.6828, 37.3086

Tritanomaly

53.4698, 48.3117, 46.0421

Monochromacy



Original Color

51.7929, 48.4860, 37.6393

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

48.2852, 48.8304, 47.4377

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.7929, 48.4860, 37.6393 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(224, 174, 155)` looks like.

```
.text, #text, p{  
    color:rgb(224, 174, 155)  
}
```

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(224, 174, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 174, 155) }
```

Border

The CSS property to change the border of an element to XYZ 51.7929, 48.4860, 37.6393 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(224, 174, 155) }
```


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

```
.border{ border-color:rgb(224, 174, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 174, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 174, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 174, 155);  
box-shadow:4px 4px 4px 4px rgb(224, 174,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 51.7929, 48.4860, 37.6393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 174, 155) }
```

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

```
.background{ background-color: rgb(224,  
174, 155) }
```

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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