

Converting Colors

XYZ(51.8364, 46.7907, 29.2211)

Have a look what the booklet for
XYZ(51.8364, 46.7907, 29.2211)
contains.

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Color

**XYZ(51.7962, 46.7103,
29.2077)**

Conversions

Conversions Part 1

Format	Color
Hex	E9A787
RGB	233, 167, 135
RGB Percent	91%, 65%, 53%
CMY	0.0863, 0.3451, 0.4706
CMYK	0.00, 0.28, 0.42, 0.09
HSL	20°, 69%, 72%
HSV	20°, 42%, 91%
XYZ	51.7962, 46.7103, 29.2077
YIQ	183.0860, 49.6080, 4.0400

Conversions

Conversions Part 2

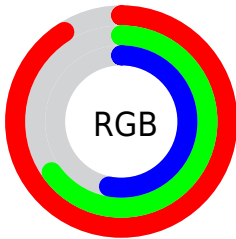
Format	Color
RYB	233, 183, 135
Decimal	15312775
CIELab	74.00, 20.46, 26.19
CIELCh	74, 33.234, 52.013
Yxy	46.7103, 0.4056, 0.3657
Android (android.graphics.Color)	4293502855 (0xFFE9A787)
YUV	183.0860, -23.7064, 43.7746
Hunter-Lab	68.3449, 15.6752, 22.5034

Details

The XYZ color **51.7962, 46.7103, 29.2077** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **45.5855, 52.8055, 84.8807**, and the grayscale version is **45.1649, 47.5169, 51.7459**.

A 20% lighter version of the original color is **76.4384, 77.1334, 58.4364**, and **25.4496, 22.0313, 11.5055** is the 20% darker color. If you saturate the color by 10%, you get **47.6297, 40.7217, 20.5919**, and if you desaturate by 10%, it is **56.6728, 53.5446, 39.8321**.

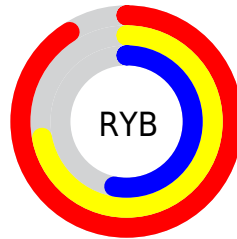
Distribution



Red (91%)

Green (65%)

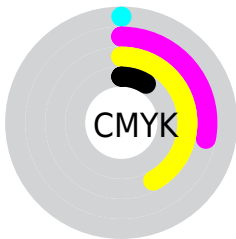
Blue (53%)



Red (91%)

Yellow (72%)

Blue (53%)

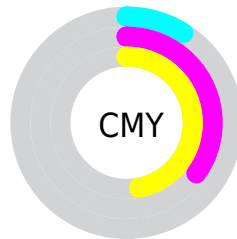


Cyan (0%)

Magenta (28%)

Yellow (42%)

Black (9%)



Cyan (9%)


Magenta (35%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.7962, 46.7103, 29.2077 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 51.7962, 46.7103, 29.2077 by changing the saturation by 10% instead.


 51.7962, 46.7103,
29.2077


 51.7962, 46.7103,
29.2077


383.9862,
373.6570, 312.2852


 37.0663, 32.8067,
18.9911


 92.0066, 85.2810,
59.4530

 25.4327, 21.9784,
11.4871


 118.2178,
110.7169, 80.3188

 16.5302, 13.8410,
6.2772


 148.9868,
140.7658, 105.5714

 9.9933, 8.0102,
2.9428

184.6790,
175.8118, 135.6293

 5.4568, 4.1015,
1.0655

225.6596,
216.2396, 170.9111

 2.5552, 1.7305,
0.0000

272.2941,

 0.9232, 0.4433,

262.4335, 211.8354

0.0000

324.9479,
314.7778, 258.8205

■ 0.0000, 0.0000,
0.0000

■ 51.7962, 46.7103,
29.2077

■ 51.7962, 46.7103,
29.2077

■ 47.6297, 40.7217,
20.5919

■ 56.6728, 53.5446,
39.8321

■ 44.1338, 35.5376,
13.8533

■ 62.2894, 61.2500,
52.5798

■ 41.2699, 31.1235,
8.8487

■ 68.6782, 69.8593,
67.5597

■ 38.9935, 27.4391,
5.4130

■ 75.8684, 79.4012,
84.8728

■ 37.2529, 24.4395,
3.3479

■ 83.8876, 89.9034,
104.6136

■ 36.1952, 22.5054,
2.4363

■ 87.4143, 96.0637,
108.5427

Harmonies

Analogous

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



55.8373, 46.7103, 39.5686



51.7962, 46.7103, 29.2077



46.0011, 46.7103, 24.8774

Triad

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



51.7962, 46.7103, 29.2077



34.0289, 46.7103, 46.4528



48.8121, 46.7103, 87.5680

Complementary

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



51.7962, 46.7103, 29.2077



45.5855, 52.8055, 84.8807

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.



42.8301, 46.7103, 90.5683



51.7962, 46.7103, 29.2077



34.6365, 46.7103, 64.1169

Square

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



51.7962, 46.7103, 29.2077



35.9975, 46.7103, 33.2818



37.7378, 46.7103, 81.2059



54.0103, 46.7103, 73.7396

Rectangle

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



51.7962, 46.7103, 29.2077



42.0641, 46.7103, 25.1256



37.7378, 46.7103, 81.2059



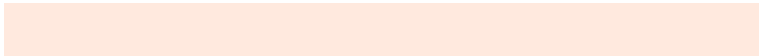
46.8141, 46.7103, 89.9840

Sweetspot

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



51.7974, 46.7126, 29.2086



83.4520, 84.6205, 80.9369



52.9253, 38.9147, 60.5786



17.4767, 17.5952, 16.4126



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.



51.7974, 46.7126, 29.2086



59.3173, 51.2331, 27.0126



62.2866, 67.6910, 32.7050



15.4672, 15.8574, 15.7643



20.6383, 12.9708, 1.4159



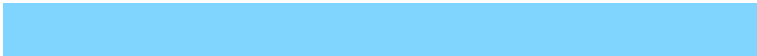
1.7054, 1.1881, 0.1394

Inverse Universe

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



45.5855, 52.8055, 84.8807



50.7622, 59.5408, 103.4248



36.0859, 33.8062, 81.7142



15.0791, 16.2445, 19.2630



15.2957, 17.2383, 46.2641



1.2881, 1.5276, 3.6618

Previews

White Background



This preview shows how the XYZ color 51.7962, 46.7103, 29.2077 looks on a white background.

Color Contrast Check

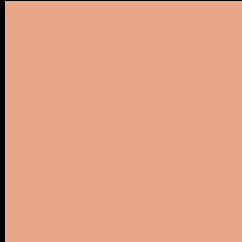
Large Text (above 18pt) WCAG AA × Fail

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 51.7962, 46.7103, 29.2077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

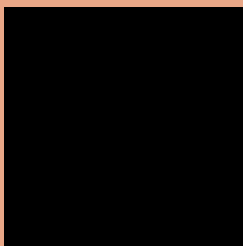
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.7962, 46.7103, 29.2077

Background



This preview shows how black text looks on a background with the XYZ color 51.7962, 46.7103, 29.2077.



This preview shows how white text looks on a background with the XYZ color 51.7962, 46.7103,

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

51.7962, 46.7103, 29.2077

Protanopia

43.8586, 46.8782, 32.3280

Deuteranopia

47.9520, 46.9801, 29.0950



Tritanopia

55.4854, 46.9012, 46.1728

Trichromacy



Original Color

51.7962, 46.7103, 29.2077

Protanomaly

46.3948, 46.7183, 30.9984

Deuteranomaly

49.1798, 46.7559, 28.9870

Tritanomaly

54.2127, 46.9219, 39.4572

Monochromacy



Original Color

51.7962, 46.7103, 29.2077

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

46.6925, 46.6150, 42.6130

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.7962, 46.7103, 29.2077 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(233, 167, 135)` looks like.

```
.text, #text, p{  
    color:rgb(233, 167, 135)  
}
```

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(233, 167, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 167, 135) }
```

Border

The CSS property to change the border of an element to XYZ 51.7962, 46.7103, 29.2077 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(233, 167, 135) }
```


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

```
.border{ border-color:rgb(233, 167, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 167, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 167, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 167, 135);  
box-shadow:4px 4px 4px 4px rgb(233, 167,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 51.7962, 46.7103, 29.2077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 167, 135) }
```

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

```
.background{ background-color: rgb(233,  
167, 135) }
```

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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