

Converting Colors

XYZ(52.5245, 45.9788, 29.7734)

Have a look what the booklet for
XYZ(52.5245, 45.9788, 29.7734)
contains.

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Color

**XYZ(52.5376, 46.0051,
29.7777)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | EDA389 |
| RGB | 237, 163, 137 |
| RGB Percent | 93%, 64%, 54% |
| CMY | 0.0706, 0.3608, 0.4627 |
| CMYK | 0.00, 0.31, 0.42, 0.07 |
| HSL | 16°, 74%, 73% |
| HSV | 16°, 42%, 93% |
| XYZ | 52.5376, 46.0051, 29.7777 |
| YIQ | 182.1620, 52.4500, 7.6020 |

Conversions

Conversions Part 2

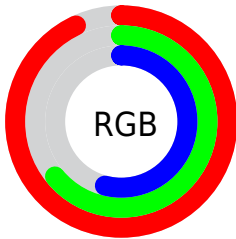
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 237, 172, 137 |
| Decimal | 15573897 |
| CIE Lab | 73.55, 24.36, 24.57 |
| CIE LCh | 74, 34.600, 45.255 |
| Yxy | 46.0051, 0.4094, 0.3585 |
| Android (android.graphics.Color) | 4293763977 (0xFFEDA389) |
| YUV | 182.1620, -22.2649, 48.0929 |
| Hunter-Lab | 67.8271, 19.5655, 21.4492 |

Details

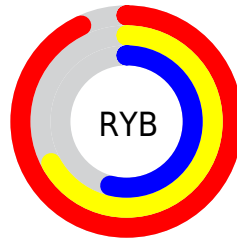
The XYZ color **52.5376, 46.0051, 29.7777** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **48.8957, 58.0187, 88.7423**, and the grayscale version is **44.6503, 46.9756, 51.1564**.

A 20% lighter version of the original color is **75.7154, 75.1644, 59.8078**, and **25.9951, 21.6407, 11.8238** is the 20% darker color. If you saturate the color by 10%, you get **48.1199, 39.5982, 20.8189**, and if you desaturate by 10%, it is **57.7628, 53.4294, 40.8487**.

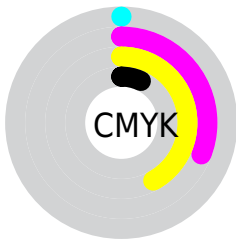
Distribution



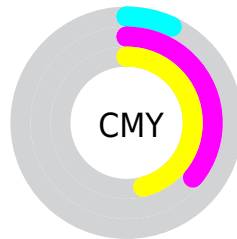
- Red (93%)
- Green (64%)
- Blue (54%)



- Red (93%)
- Yellow (67%)
- Blue (54%)



- Cyan (0%)
- Magenta (31%)
- Yellow (42%)
- Black (7%)





- Cyan (7%)
- Magenta (36%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.5376, 46.0051, 29.7777 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 52.5376, 46.0051, 29.7777 by changing the saturation by 10% instead.

 52.5376, 46.0051,
29.7777


 52.5376, 46.0051,
29.7777


386.7985,
370.8292, 315.0419


 37.6598, 32.2498,
19.4193

 93.0931, 84.2266,
60.3673

 25.8947, 21.5524,
11.7938


 119.5016,
109.4617, 81.4356

 16.8772, 13.5284,
6.4826

 150.4842,
139.2922, 106.9109

 10.2417, 7.7934,
3.0672

186.4065,
174.1024, 137.2118

 5.6230, 3.9630,
1.1290

227.6337,
214.2768, 172.7568

 2.6557, 1.6529,
0.0000

274.5312,

 0.9744, 0.3929,

260.1998, 213.9644

0.0000

327.4643,
312.2558, 261.2533

■ 0.0000, 0.0000,
0.0000

■ 52.5376, 46.0051,
29.7777

■ 52.5376, 46.0051,
29.7777

■ 48.1199, 39.5982,
20.8189

■ 57.7628, 53.4294,
40.8487

■ 44.4640, 34.1568,
13.8335

■ 63.8312, 61.9067,
54.1531

■ 41.5242, 29.6343,
8.6704

■ 70.7803, 71.4790,
69.8061

■ 39.2486, 25.9772,
5.1549

■ 78.6445, 82.1839,
87.9140

■ 37.5764, 23.1259,
3.0773

■ 87.3753, 94.0252,
108.1512

■ 36.6277, 21.4100,
2.2020

■ 88.7350, 96.7445,
108.6045

Harmonies

Analogous

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



56.0806, 46.0051, 41.7428



52.5376, 46.0051, 29.7777



46.7881, 46.0051, 24.0720

Triad

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



52.5376, 46.0051, 29.7777



33.3119, 46.0051, 42.0001



46.8941, 46.0051, 90.1131

Complementary

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



52.5376, 46.0051, 29.7777



48.8957, 58.0187, 88.7423

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.



40.8014, 46.0051, 90.2281



52.5376, 46.0051, 29.7777



33.3346, 46.0051, 59.4857

Square

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



52.5376, 46.0051, 29.7777



35.8950, 46.0051, 29.9280



35.9600, 46.0051, 78.0202



52.6214, 46.0051, 77.7353

Rectangle

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



52.5376, 46.0051, 29.7777



42.6582, 46.0051, 23.4833



35.9600, 46.0051, 78.0202



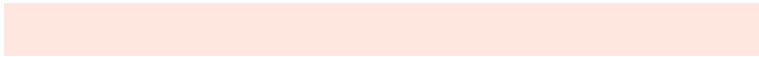
44.8124, 46.0051, 91.6679

Sweetspot

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



52.5388, 46.0073, 29.7786



82.8327, 83.3819, 80.7305



55.7545, 40.6496, 67.1950



17.3251, 17.2921, 16.3621



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.



52.5388, 46.0073, 29.7786



57.2971, 47.4567, 25.5255



62.9839, 66.8977, 33.2603



15.3839, 15.6909, 15.7365



20.0876, 11.8695, 1.2323



1.6533, 1.0840, 0.1221

Inverse Universe

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



48.8957, 58.0187, 88.7423



52.4041, 63.3841, 104.0801



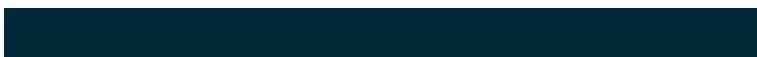
38.5233, 37.2739, 85.2848



15.1669, 16.4203, 19.2923



16.8661, 20.3793, 46.7876



1.4015, 1.7545, 3.6997

Previews

White Background



This preview shows how the XYZ color 52.5376, 46.0051, 29.7777 looks on a white background.

Color Contrast Check

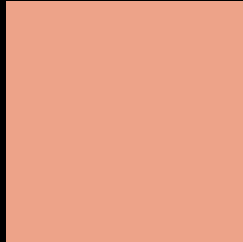
Large Text (above 18pt) WCAG AA × Fail

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 52.5376, 46.0051, 29.7777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

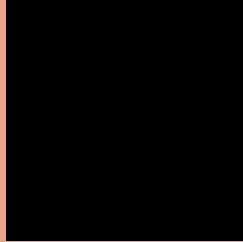
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.5376, 46.0051, 29.7777

Background



This preview shows how black text looks on a background with the XYZ color 52.5376, 46.0051, 29.7777.



This preview shows how white text looks on a background with the XYZ color 52.5376, 46.0051,

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

52.5376, 46.0051, 29.7777

Protanopia

43.3729, 46.2985, 33.4386

Deuteranopia

47.2408, 46.3175, 29.3720



Tritanopia

55.4177, 45.8813, 43.9653

Trichromacy



Original Color

52.5376, 46.0051, 29.7777

Protanomaly

46.0310, 45.6350, 31.9735

Deuteranomaly

48.9429, 46.0566, 29.6028

Tritanomaly

54.3390, 45.9610, 38.3551

Monochromacy



Original Color

52.5376, 46.0051, 29.7777

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

46.5700, 45.9697, 42.4949

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5376, 46.0051, 29.7777 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(237, 163, 137)` looks like.

```
.text, #text, p{  
    color:rgb(237, 163, 137)  
}
```

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(237, 163, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 163, 137) }
```

Border

The CSS property to change the border of an element to XYZ 52.5376, 46.0051, 29.7777 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(237, 163, 137) }
```


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

```
.border{ border-color:rgb(237, 163, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 163, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 163, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 163, 137);  
box-shadow:4px 4px 4px 4px rgb(237, 163,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5376, 46.0051, 29.7777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 163, 137) }
```

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

```
.background{ background-color: rgb(237,  
163, 137) }
```

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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