

Converting Colors

XYZ(53.0890, 46.3402, 29.2900)

Have a look what the booklet for
XYZ(53.0890, 46.3402, 29.2900)
contains.

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Color

**XYZ(53.1377, 46.3227,
29.4331)**

Conversions

Conversions Part 1

Format	Color
Hex	EFA388
RGB	239, 163, 136
RGB Percent	94%, 64%, 53%
CMY	0.0627, 0.3608, 0.4667
CMYK	0.00, 0.32, 0.43, 0.06
HSL	16°, 76%, 74%
HSV	16°, 43%, 94%
XYZ	53.1377, 46.3227, 29.4331
YIQ	182.6460, 53.9630, 7.7150

Conversions

Conversions Part 2

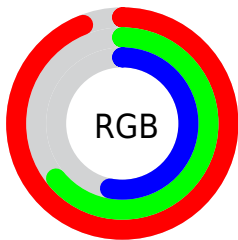
Format	Color
R _Y B	239, 173, 136
Decimal	15704968
CIE Lab	73.75, 25.03, 25.43
CIE LCh	74, 35.681, 45.460
Yxy	46.3227, 0.4123, 0.3594
Android (android.graphics.Color)	4293895048 (0xFFEFA388)
YUV	182.6460, -22.9965, 49.4225
Hunter-Lab	68.0608, 20.2555, 22.0024

Details

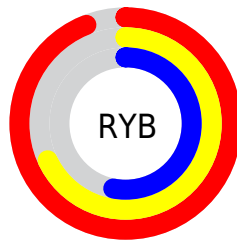
The XYZ color **53.1377, 46.3227, 29.4331** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **49.2757, 58.5506, 90.3654**, and the grayscale version is **44.9181, 47.2574, 51.4633**.

A 20% lighter version of the original color is **75.4967, 75.0769, 58.6563**, and **26.1865, 21.7441, 11.6209** is the 20% darker color. If you saturate the color by 10%, you get **48.7092, 39.8877, 20.4907**, and if you desaturate by 10%, it is **58.3838, 53.7869, 40.5173**.

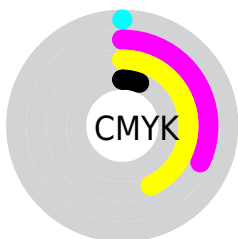
Distribution



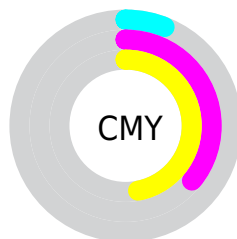
- Red (94%)
- Green (64%)
- Blue (53%)



- Red (94%)
- Yellow (68%)
- Blue (53%)



- Cyan (0%)
- Magenta (32%)
- Yellow (43%)
- Black (6%)





- Cyan (6%)
- Magenta (36%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.1377, 46.3227, 29.4331 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 53.1377, 46.3227, 29.4331 by changing the saturation by 10% instead.

 53.1377, 46.3227,
29.4331

 53.1377, 46.3227,
29.4331


389.0654,
372.1045, 313.3776


 38.1406, 32.5005,
19.1603


 93.9713, 84.7017,
59.8149

 26.2696, 21.7441,
11.6082


 120.5385,
110.0274, 80.7609

 17.1591, 13.6690,
6.3582


 151.6932,
139.9564, 106.1018

 10.4440, 7.8908,
2.9918

187.8006,
174.8730, 136.2561

 5.7589, 4.0252,
1.0904

229.2262,
215.1618, 171.6422

 2.7383, 1.6876,
0.0000

276.3353,

 1.0169, 0.4156,

261.2070, 212.6789

0.0000

329.4933,
313.3931, 259.7845

■ 0.0000, 0.0000,
0.0000

■ 53.1377, 46.3227,
29.4331

■ 53.1377, 46.3227,
29.4331

■ 48.7092, 39.8877,
20.4907

■ 58.3838, 53.7869,
40.5173

■ 45.0515, 34.4290,
13.5473

■ 64.4841, 62.3165,
53.8679

■ 42.1178, 29.8989,
8.4468

■ 71.4771, 71.9544,
69.6034

■ 39.8545, 26.2429,
5.0083

■ 79.3977, 82.7389,
87.8329

■ 38.1989, 23.3998,
3.0134

■ 88.1983, 94.6743,
108.2332

■ 37.3554, 21.8685,
2.2522

■ 89.4065, 97.0907,
108.6359

Harmonies

Analogous

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



56.8444, 46.3227, 41.6973



53.1377, 46.3227, 29.4331



47.1581, 46.3227, 23.6428

Triad

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



53.1377, 46.3227, 29.4331



33.2577, 46.3227, 42.1757



47.3562, 46.3227, 92.0905

Complementary

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



53.1377, 46.3227, 29.4331



49.2757, 58.5506, 90.3654

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.



41.0402, 46.3227, 92.3072



53.1377, 46.3227, 29.4331



33.2997, 46.3227, 60.3210

Square

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



53.1377, 46.3227, 29.4331



35.9037, 46.3227, 29.7105



36.0245, 46.3227, 79.6156



53.2946, 46.3227, 79.0799

Rectangle

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



53.1377, 46.3227, 29.4331



42.8794, 46.3227, 23.0687



36.0245, 46.3227, 79.6156



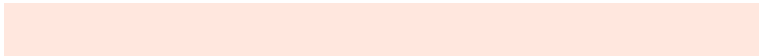
45.1977, 46.3227, 93.7497

Sweetspot

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



53.1389, 46.3250, 29.4340



82.8525, 83.4214, 80.7370



56.4429, 40.7762, 68.0131



17.3300, 17.3018, 16.3637



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.



53.1389, 46.3250, 29.4340



56.8628, 46.8453, 24.5876



63.8977, 67.8427, 33.0203



16.1098, 16.4327, 16.4725



20.7341, 12.2662, 1.2748



1.8032, 1.1771, 0.1322

Inverse Universe

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



49.2757, 58.5506, 90.3654



51.7874, 62.6960, 103.9798



38.6100, 37.2194, 86.8102



15.8763, 17.1867, 20.2022



17.3384, 20.9011, 48.2484



1.5228, 1.8996, 4.0406

Previews

White Background



This preview shows how the XYZ color 53.1377, 46.3227, 29.4331 looks on a white background.

Color Contrast Check

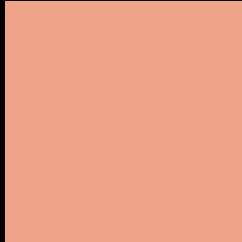
Large Text (above 18pt) WCAG AA × Fail

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 53.1377, 46.3227, 29.4331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

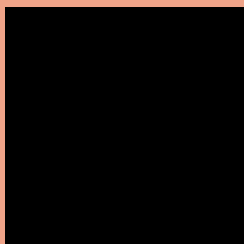
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.1377, 46.3227, 29.4331

Background



This preview shows how black text looks on a background with the XYZ color 53.1377, 46.3227, 29.4331.



This preview shows how white text looks on a background with the XYZ color 53.1377, 46.3227,

29.4331.

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

53.1377, 46.3227, 29.4331

Protanopia

43.5502, 46.3988, 33.0461

Deuteranopia

47.4635, 46.4404, 29.0166



Tritanopia

56.1005, 46.2332, 43.9973

Trichromacy



Original Color

53.1377, 46.3227, 29.4331

Protanomaly

46.5221, 45.8968, 31.6063

Deuteranomaly

49.4884, 46.3460, 29.2590

Tritanomaly

55.0180, 46.3110, 38.3869

Monochromacy



Original Color

53.1377, 46.3227, 29.4331

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

47.0369, 46.5004, 42.5727

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1377, 46.3227, 29.4331 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(239, 163, 136)` looks like.

```
.text, #text, p{  
    color:rgb(239, 163, 136)  
}
```

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(239, 163, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 163, 136) }
```

Border

The CSS property to change the border of an element to XYZ 53.1377, 46.3227, 29.4331 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(239, 163, 136) }
```


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

```
.border{ border-color:rgb(239, 163, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 163, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 163, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 163, 136);  
box-shadow:4px 4px 4px 4px rgb(239, 163,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1377, 46.3227, 29.4331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 163, 136) }
```

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

```
.background{ background-color: rgb(239,  
163, 136) }
```

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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