

Converting Colors

XYZ(54.3752, 45.0933, 26.1730)

Have a look what the booklet for
XYZ(54.3752, 45.0933, 26.1730)
contains.

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Color

**XYZ(54.3290, 44.9577,
26.2363)**

Conversions

Conversions Part 1

Format	Color
Hex	F89B80
RGB	248, 155, 128
RGB Percent	97%, 61%, 50%
CMY	0.0275, 0.3921, 0.4980
CMYK	0.00, 0.37, 0.48, 0.03
HSL	14°, 90%, 74%
HSV	14°, 48%, 97%
XYZ	54.3290, 44.9577, 26.2363
YIQ	179.7290, 64.0950, 11.3190

Conversions

Conversions Part 2

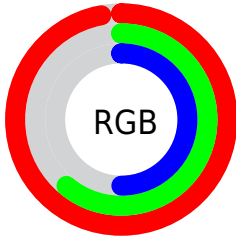
Format	Color
R _Y B	248, 163, 128
Decimal	16292736
CIE Lab	72.86, 31.92, 28.76
CIE LCh	73, 42.965, 42.018
Yxy	44.9577, 0.4328, 0.3582
Android (android.graphics.Color)	4294482816 (0xFFFF89B80)
YUV	179.7290, -25.5024, 59.8737
Hunter-Lab	67.0505, 27.2948, 23.7357

Details

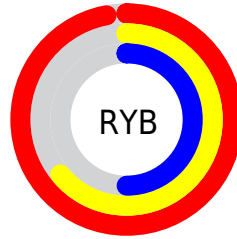
The XYZ color **54.3290, 44.9577, 26.2363** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **51.7003, 63.0762, 98.2566**, and the grayscale version is **43.3465, 45.6039, 49.6627**.

A 20% lighter version of the original color is **72.6271, 70.6894, 53.5326**, and **26.9644, 20.9419, 9.8287** is the 20% darker color. If you saturate the color by 10%, you get **49.9439, 38.4885, 17.6817**, and if you desaturate by 10%, it is **59.6243, 52.6091, 37.0630**.

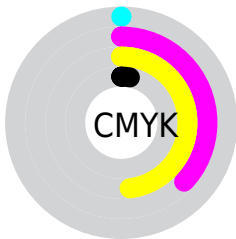
Distribution



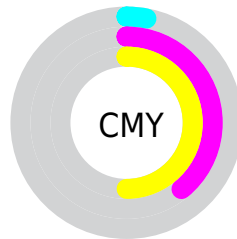
- Red (97%)
- Green (61%)
- Blue (50%)



- Red (97%)
- Yellow (64%)
- Blue (50%)



- Cyan (0%)
- Magenta (37%)
- Yellow (48%)
- Black (3%)





- Cyan (3%)
- Magenta (39%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.3290, 44.9577, 26.2363 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 54.3290, 44.9577, 26.2363 by changing the saturation by 10% instead.


 54.3290, 44.9577,
26.2363


 54.3290, 44.9577,
26.2363


393.5413,
366.6022, 297.5824

 39.0965, 31.4241,
16.7732


 95.7112, 82.6569,
54.6447

 27.0158, 20.9220,
9.9126


 122.5916,
107.5914, 74.4270

 17.7218, 13.0670,
5.2362


 154.0853,
137.0949, 98.4861

 10.8489, 7.4747,
2.3254

190.5577,
171.5518, 127.2405

 6.0319, 3.7607,
0.7454

232.3741,
211.3467, 161.1088

 2.9053, 1.5406,
0.0000

279.9000,

 1.1039, 0.3171,

256.8637, 200.5096

0.0000

333.5006,
308.4875, 245.8612

■ 0.0284, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.3290, 44.9577,
26.2363

■ 54.3290, 44.9577,
26.2363

■ 49.9439, 38.4885,
17.6817

■ 59.6243, 52.6091,
37.0630

■ 46.4121, 33.1347,
11.2329

■ 65.8755, 61.4915,
50.3069

■ 43.6750, 28.8334,
6.7046

■ 73.1291, 71.6589,
66.1037

■ 41.6644, 25.5117,
3.8779

■ 81.4275, 83.1602,
84.5785

■ 40.2927, 23.0842,
2.4469

■ 90.8107, 96.0419,
105.8480

■ 40.1163, 22.7666,
2.2800

■ 92.5212, 98.6964,
108.7817

Harmonies

Analogous

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



58.3947, 44.9577, 40.8675



54.3290, 44.9577, 26.2363



47.3257, 44.9577, 19.3001

Triad

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



54.3290, 44.9577, 26.2363



30.4612, 44.9577, 37.3065



45.7954, 44.9577, 101.2883

Complementary

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



54.3290, 44.9577, 26.2363



51.7003, 63.0762, 98.2566

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.



38.4436, 44.9577, 99.4981



54.3290, 44.9577, 26.2363



30.1532, 44.9577, 58.0364

Square

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



54.3290, 44.9577, 26.2363



33.8105, 44.9577, 24.2874



32.9134, 44.9577, 82.0147



53.0968, 44.9577, 86.3636

Rectangle

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



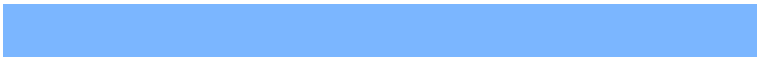
54.3290, 44.9577, 26.2363



42.2266, 44.9577, 18.2517



32.9134, 44.9577, 82.0147



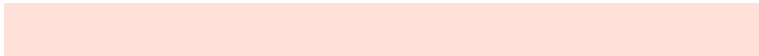
43.2392, 44.9577, 102.7191

Sweetspot

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



54.3301, 44.9600, 26.2372



80.7540, 80.3011, 76.7187



59.6154, 40.6690, 73.8150



16.8990, 16.6516, 15.5671



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.



54.3301, 44.9600, 26.2372



53.3336, 41.1926, 19.0775



66.6542, 69.6081, 30.3452



17.5614, 17.8587, 17.9839



21.7565, 12.4698, 1.2602



2.0908, 1.3065, 0.1420

Inverse Universe

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



51.7003, 63.0762, 98.2566



50.1711, 62.4432, 104.0162



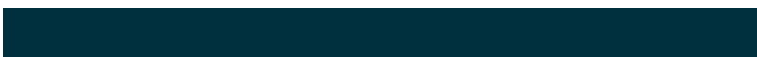
38.7660, 37.2075, 93.9451



17.4151, 18.9070, 22.1168



19.4676, 24.2907, 51.6361



1.8814, 2.4064, 4.8085

Previews

White Background



This preview shows how the XYZ color 54.3290, 44.9577, 26.2363 looks on a white background.

Color Contrast Check

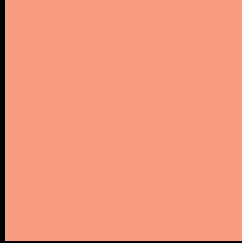
Large Text (above 18pt) WCAG AA × Fail

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 54.3290, 44.9577, 26.2363 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 54.3290, 44.9577, 26.2363

Background



This preview shows how black text looks on a background with the XYZ color 54.3290, 44.9577, 26.2363.



This preview shows how white text looks on a background with the XYZ color 54.3290, 44.9577,

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

54.3290, 44.9577, 26.2363

Protanopia

42.2662, 45.1806, 30.9192

Deuteranopia

46.1858, 45.2819, 25.7081



Tritanopia

57.1230, 44.8951, 39.3731

Trichromacy



Original Color

54.3290, 44.9577, 26.2363

Protanomaly

45.8993, 44.4958, 29.0911

Deuteranomaly

48.7661, 44.9475, 25.8442

Tritanomaly

56.0774, 44.9504, 34.1545

Monochromacy



Original Color

54.3290, 44.9577, 26.2363

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

46.1728, 44.6782, 39.9084

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3290, 44.9577, 26.2363 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(248, 155, 128)` looks like.

```
.text, #text, p{  
    color:rgb(248, 155, 128)  
}
```

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(248, 155, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 155, 128) }
```

Border

The CSS property to change the border of an element to XYZ 54.3290, 44.9577, 26.2363 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(248, 155, 128) }
```


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

```
.border{ border-color:rgb(248, 155, 128) }
```

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

Here you see how a box with a 4 pixel rgb(248, 155, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 155, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 155, 128);  
box-shadow:4px 4px 4px 4px rgb(248, 155,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3290, 44.9577, 26.2363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 155, 128) }
```

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

```
.background{ background-color: rgb(248,  
155, 128) }
```

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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