

Converting Colors

XYZ(56.2910, 44.8493, 29.6066)

Have a look what the booklet for
XYZ(56.2910, 44.8493, 29.6066)
contains.

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Color

**XYZ(56.5271, 45.0390,
29.7589)**

Conversions

Conversions Part 1

Format	Color
Hex	FE978A
RGB	254, 151, 138
RGB Percent	100%, 59%, 54%
CMY	0.0039, 0.4078, 0.4588
CMYK	0.00, 0.41, 0.46, 0.00
HSL	7°, 98%, 77%
HSV	7°, 46%, 100%
XYZ	56.5271, 45.0390, 29.7589
YIQ	180.3150, 65.5610, 17.7930

Conversions

Conversions Part 2

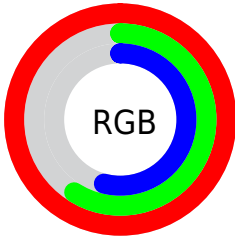
Format	Color
R_{YB}	254, 153, 138
Decimal	16684938
CIE Lab	72.92, 37.21, 23.51
CIE LCh	73, 44.019, 32.288
Yxy	45.0390, 0.4304, 0.3430
Android (android.graphics.Color)	4294875018 (0xFFFE978A)
YUV	180.3150, -20.8613, 64.6217
Hunter-Lab	67.1111, 32.9046, 20.6870

Details

The XYZ color **56.5271, 45.0390, 29.7589** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **59.8244, 75.4662, 105.1791**, and the grayscale version is **43.6368, 45.9093, 49.9952**.

A 20% lighter version of the original color is **72.7153, 69.1642, 58.8077**, and **28.3773, 20.9093, 11.7728** is the 20% darker color. If you saturate the color by 10%, you get **51.6098, 37.8113, 20.0836**, and if you desaturate by 10%, it is **62.5709, 53.8316, 41.9319**.

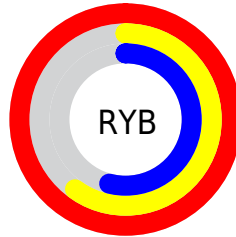
Distribution



Red (100%)

Green (59%)

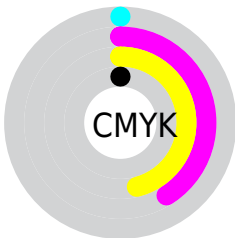
Blue (54%)



Red (100%)

Yellow (60%)

Blue (54%)

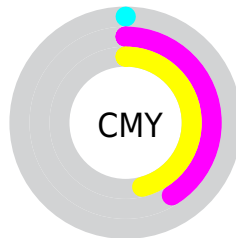


Cyan (0%)

Magenta (41%)

Yellow (46%)

Black (0%)



Cyan (0%)

Magenta (41%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.5271, 45.0390, 29.7589 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 56.5271, 45.0390, 29.7589 by changing the saturation by 10% instead.

 56.5271, 45.0390,
29.7589

 56.5271, 45.0390,
29.7589


401.7178,
366.9315, 314.9513


 40.8643, 31.4881,
19.4052

 98.9102, 82.7789,
60.3372

 28.4003, 20.9708,
11.7836


 126.3612,
107.7368, 81.3988

 18.7696, 13.1027,
6.4758


 158.4724,
137.2658, 106.8668

 11.6070, 7.4993,
3.0631

195.6091,
171.7503, 137.1597

 6.5469, 3.7763,
1.1269

238.1366,
211.5747, 172.6961

 3.2242, 1.5492,
0.0000

286.4203,

 1.2734, 0.3230,

257.1235, 213.8944

0.0000

340.8256,
308.7809, 261.1733

■ 0.1632, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.5271, 45.0390,
29.7589

■ 56.5271, 45.0390,
29.7589

■ 51.6098, 37.8113,
20.0836

■ 62.5709, 53.8316,
41.9319

■ 47.7455, 32.0502,
12.7299

■ 69.8018, 64.2664,
56.7568

■ 44.8572, 27.6567,
7.5030

■ 78.2801, 76.4237,
74.3786

■ 42.8556, 24.5166,
4.1748

■ 88.0611, 90.3767,
94.9310

■ 41.6344, 22.4970,
2.4646

94.6830, 99.8108,
108.8828

■ 41.2996, 21.9242,
2.0551

Harmonies

Analogous

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



59.3023, 45.0390, 47.3725



56.5271, 45.0390, 29.7589



50.0401, 45.0390, 20.3435

Triad

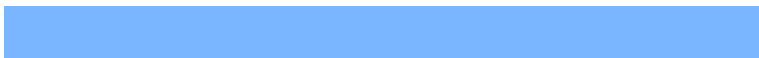
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



56.5271, 45.0390, 29.7589



31.0330, 45.0390, 31.9023



43.3998, 45.0390, 104.5162

Complementary

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



56.5271, 45.0390, 29.7589



59.8244, 75.4662, 105.1791

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.



36.3090, 45.0390, 96.7485



56.5271, 45.0390, 29.7589



29.6968, 45.0390, 50.7458

Square

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



56.5271, 45.0390, 29.7589



35.4027, 45.0390, 21.2961



31.5106, 45.0390, 75.2427



51.1805, 45.0390, 94.1196

Rectangle

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



56.5271, 45.0390, 29.7589



44.8181, 45.0390, 17.9605



31.5106, 45.0390, 75.2427



40.8593, 45.0390, 103.9403

Sweetspot

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



56.5282, 45.0413, 29.7597



80.5343, 79.3275, 78.2922



66.0488, 45.6830, 89.6562



16.8090, 16.3665, 15.8611



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.



56.5282, 45.0413, 29.7597



52.3661, 38.5839, 20.8318



67.9191, 67.8229, 33.5567



18.1733, 18.3148, 18.7216



21.8252, 11.6616, 1.1006



2.1757, 1.2368, 0.1241

Inverse Universe

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



59.8244, 75.4662, 105.1791



56.0346, 72.7422, 105.6951



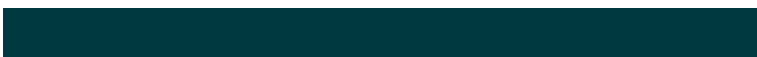
45.5947, 47.0068, 100.4358



18.3707, 20.1130, 23.1639



23.7701, 32.4498, 54.4452



2.3619, 3.2544, 5.3170

Previews

White Background



This preview shows how the XYZ color 56.5271, 45.0390, 29.7589 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 56.5271, 45.0390, 29.7589 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 56.5271, 45.0390, 29.7589

Background



This preview shows how black text looks on a background with the XYZ color 56.5271, 45.0390, 29.7589.



This preview shows how white text looks on a background with the XYZ color 56.5271, 45.0390,

29.7589.

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

56.5271, 45.0390, 29.7589

Protanopia

42.6923, 45.2934, 35.7705

Deuteranopia

46.2070, 45.2233, 28.8479



Tritanopia

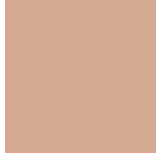
58.0879, 44.9430, 38.4142

Trichromacy



Original Color

56.5271, 45.0390, 29.7589



Protanomaly

46.8168, 44.5974, 33.3348



Deuteranomaly

49.3272, 44.6311, 28.9365



Tritanomaly

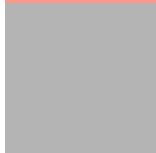
57.5734, 44.9893, 34.9275

Monochromacy



Original Color

56.5271, 45.0390, 29.7589



Achromatopsia

43.3819, 45.6411, 49.7032



Achromatomaly

46.7116, 44.3579, 41.6973

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5271, 45.0390, 29.7589 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(254, 151, 138)` looks like.

```
.text, #text, p{  
    color:rgb(254, 151, 138)  
}
```

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(254, 151, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 151, 138) }
```

Border

The CSS property to change the border of an element to XYZ 56.5271, 45.0390, 29.7589 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(254, 151, 138) }
```


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

```
.border{ border-color:rgb(254, 151, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 151, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 151, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 151, 138);  
box-shadow:4px 4px 4px 4px rgb(254, 151,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5271, 45.0390, 29.7589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 151, 138) }
```

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

```
.background{ background-color: rgb(254,  
151, 138) }
```

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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