

Converting Colors

XYZ(67.2774, 50.4323, 30.0264)

Have a look what the booklet for
XYZ(67.2774, 50.4323, 30.0264)
contains.

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Color

**XYZ(56.6617, 44.8788,
29.3430)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9689
RGB	255, 150, 137
RGB Percent	100%, 59%, 54%
CMY	0.0000, 0.4117, 0.4627
CMYK	0.00, 0.41, 0.46, 0.00
HSL	7°, 100%, 77%
HSV	7°, 46%, 100%
XYZ	56.6617, 44.8788, 29.3430
YIQ	179.9130, 66.7530, 18.2170

Conversions

Conversions Part 2

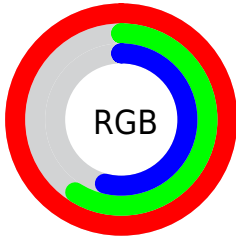
Format	Color
R _Y B	255, 152, 137
Decimal	16750217
CIE Lab	72.81, 38.00, 23.94
CIE LCh	73, 44.913, 32.210
Yxy	44.8788, 0.4329, 0.3429
Android (android.graphics.Color)	4294940297 (0xFFFF9689)
YUV	179.9130, -21.1561, 65.8513
Hunter-Lab	66.9916, 33.7404, 20.9245

Details

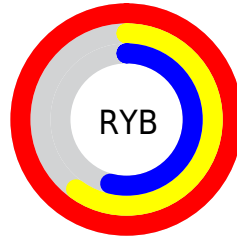
The XYZ color **56.6617, 44.8788, 29.3430** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **60.1170, 76.0392, 106.1161**, and the grayscale version is **43.4217, 45.6830, 49.7488**.

A 20% lighter version of the original color is **72.3656, 68.6403, 58.1500**, and **28.5007, 20.8396, 11.5371** is the 20% darker color. If you saturate the color by 10%, you get **51.7673, 37.6797, 19.7285**, and if you desaturate by 10%, it is **62.6916, 53.6573, 41.4692**.

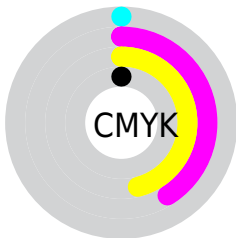
Distribution



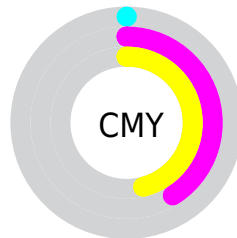
- Red (100%)
- Green (59%)
- Blue (54%)



- 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 56.6617, 44.8788, 29.3430 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 56.6617, 44.8788, 29.3430 by changing the saturation by 10% instead.


 56.6617, 44.8788,
29.3430


 56.6617, 44.8788,
29.3430


402.2151,
366.2825, 312.9413


 40.9728, 31.3620,
19.0926


 99.1056, 82.5385,
59.6703

 28.4854, 20.8746,
11.5597


 126.5913,
107.4502, 80.5843

 18.8342, 13.0324,
6.3258


 158.7400,
136.9289, 105.8899

 11.6538, 7.4509,
2.9722

195.9169,
171.3591, 136.0057

 6.5789, 3.7456,
1.0805

238.4876,
211.1252, 171.3502

 3.2442, 1.5323,
0.0000

286.8173,

 1.2842, 0.3113,

256.6115, 212.3419

0.0000

341.2713,
308.2025, 259.3995

■ 0.1713, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.6617, 44.8788,
29.3430

■ 56.6617, 44.8788,
29.3430

■ 51.7673, 37.6797,
19.7285

■ 62.6916, 53.6573,
41.4692

■ 47.9335, 31.9595,
12.4468

■ 69.9188, 64.0942,
56.2639

■ 45.0815, 27.6169,
7.2993

■ 78.4048, 76.2713,
73.8743

■ 43.1201, 24.5350,
4.0533

■ 88.2057, 90.2633,
94.4359

■ 41.9399, 22.5767, 95.0499, 100.0000,
2.4201 108.9000

■ 41.6577, 22.0955,
2.0693

Harmonies

Analogous

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



59.4859, 44.8788, 47.2261



56.6617, 44.8788, 29.3430



50.0457, 44.8788, 19.8434

Triad

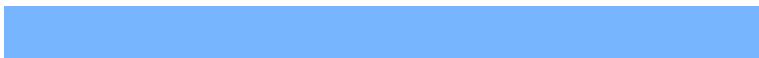
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



56.6617, 44.8788, 29.3430



30.7049, 44.8788, 31.4348



43.2375, 44.8788, 105.6543

Complementary

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



56.6617, 44.8788, 29.3430



60.1170, 76.0392, 106.1161

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.



36.0320, 44.8788, 97.6277



56.6617, 44.8788, 29.3430



29.3436, 44.8788, 50.5422

Square

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



56.6617, 44.8788, 29.3430



35.1434, 44.8788, 20.7665



31.1722, 44.8788, 75.5540



51.1694, 44.8788, 95.0213

Rectangle

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



56.6617, 44.8788, 29.3430



44.7235, 44.8788, 17.4451



31.1722, 44.8788, 75.5540



40.6531, 44.8788, 105.0455

Sweetspot

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



56.6628, 44.8811, 29.3438



80.5162, 79.2912, 78.2862



66.3936, 45.6348, 90.2615



16.8046, 16.3578, 15.8597



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.



56.6628, 44.8811, 29.3438



51.8870, 37.8568, 19.9600



68.2626, 68.0806, 33.2104



18.1705, 18.3092, 18.7207



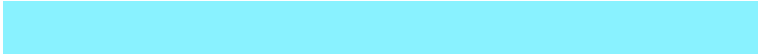
21.8184, 11.6481, 1.0983



2.1744, 1.2342, 0.1236

Inverse Universe

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



60.1170, 76.0392, 106.1161



55.7004, 72.5636, 105.6782



45.5489, 46.9029, 101.2600



18.3738, 20.1192, 23.1649



23.8382, 32.5860, 54.4679



2.3678, 3.2663, 5.3189

Previews

White Background



This preview shows how the XYZ color 56.6617, 44.8788, 29.3430 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 56.6617, 44.8788, 29.3430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

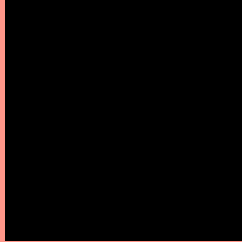
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.6617, 44.8788, 29.3430

Background



This preview shows how black text looks on a background with the XYZ color 56.6617, 44.8788, 29.3430.



This preview shows how white text looks on a background with the XYZ color 56.6617, 44.8788,

29.3430.

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

56.6617, 44.8788, 29.3430

Protanopia

42.6114, 45.2610, 35.3446

Deuteranopia

45.8501, 45.0474, 28.4688



Tritanopia

58.0015, 44.9084, 37.9589

Trichromacy



Original Color

56.6617, 44.8788, 29.3430

Protanomaly

46.5540, 44.1957, 32.8650

Deuteranomaly

49.2571, 44.6030, 28.5674

Tritanomaly

57.4925, 44.9569, 34.5015

Monochromacy



Original Color

56.6617, 44.8788, 29.3430

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

46.6209, 44.3217, 41.2197

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6617, 44.8788, 29.3430 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(255, 150, 137)` looks like.

```
.text, #text, p{  
    color:rgb(255, 150, 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(255, 150, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 150, 137) }
```

Border

The CSS property to change the border of an element to XYZ 56.6617, 44.8788, 29.3430 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(255, 150, 137) }
```


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

```
.border{ border-color:rgb(255, 150, 137) }
```

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

Here you see how a box with a 4 pixel rgb(255, 150, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 150, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 150, 137);  
box-shadow:4px 4px 4px 4px rgb(255, 150,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6617, 44.8788, 29.3430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 150, 137) }
```

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

```
.background{ background-color: rgb(255,  
150, 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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