

Converting Colors

XYZ(56.3659, 44.4115, 34.8966)

Have a look what the booklet for
XYZ(56.3659, 44.4115, 34.8966)
contains.

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Color

**XYZ(56.4782, 44.4247,
34.8763)**

Conversions

Conversions Part 1

Format	Color
Hex	FC9597
RGB	252, 149, 151
RGB Percent	99%, 58%, 59%
CMY	0.0118, 0.4157, 0.4078
CMYK	0.00, 0.41, 0.40, 0.01
HSL	359°, 94%, 79%
HSV	359°, 41%, 99%
XYZ	56.4782, 44.4247, 34.8763
YIQ	180.0250, 60.7460, 22.4580

Conversions

Conversions Part 2

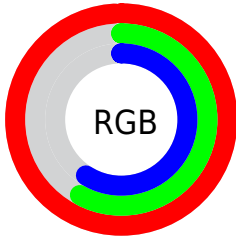
Format	Color
R _Y B	252, 149, 151
Decimal	16553367
CIE Lab	72.51, 38.84, 15.76
CIE LCh	73, 41.918, 22.090
Yxy	44.4247, 0.4160, 0.3272
Android (android.graphics.Color)	4294743447 (0xFFFC9597)
YUV	180.0250, -14.3093, 63.1221
Hunter-Lab	66.6519, 34.6132, 15.6322

Details

The XYZ color **56.4782, 44.4247, 34.8763** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.4622, 82.9133, 103.0534**, and the grayscale version is **43.4485, 45.7113, 49.7796**.

A 20% lighter version of the original color is **73.8523, 68.8535, 67.1552**, and **28.2213, 20.4923, 14.5246** is the 20% darker color. If you saturate the color by 10%, you get **51.1129, 36.5762, 24.2026**, and if you desaturate by 10%, it is **63.1290, 54.1708, 48.0545**.

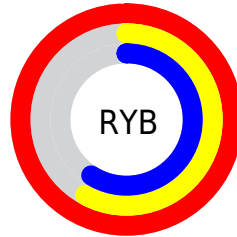
Distribution



Red (99%)

Green (58%)

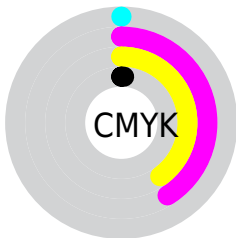
Blue (59%)



Red (99%)

Yellow (58%)

Blue (59%)

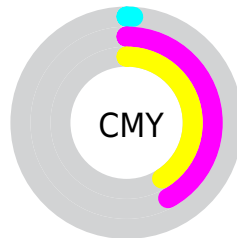


Cyan (0%)

Magenta (41%)

Yellow (40%)

Black (1%)



Cyan (1%)


Magenta (42%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.4782, 44.4247, 34.8763 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 56.4782, 44.4247, 34.8763 by changing the saturation by 10% instead.


 56.4782, 44.4247,
34.8763

 56.4782, 44.4247,
34.8763


401.5370,
364.4386, 338.9096

 40.8250, 31.0045,
23.2848


 98.8392, 81.8564,
68.4435

 28.3694, 20.6023,
14.5967


 126.2776,
106.6368, 91.2563

 18.7462, 12.8336,
8.3934


158.3752,
135.9727, 118.6466

 11.5899, 7.3141,
4.2563

195.4972,
170.2484, 151.0329

 6.5353, 3.6593,
1.7670

238.0090,
209.8485, 188.8339

 3.2170, 1.4849,
0.4060

286.2760,

 1.2695, 0.2780,

255.1573, 232.4679

0.0000

340.6636,
306.5592, 282.3537

■ 0.1602, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.4782, 44.4247,
34.8763

■ 56.4782, 44.4247,
34.8763

■ 51.1129, 36.5762,
24.2026

■ 63.1290, 54.1708,
48.0545

■ 46.9468, 30.4957,
15.8726

■ 71.1371, 65.9198,
63.8790

■ 43.8890, 26.0481,
9.7108

■ 80.5732, 79.7773,
82.4843

■ 41.8335, 23.0756,
5.5161

■ 91.5021, 95.8394,
103.9949

■ 40.6543, 21.3897,
3.0498

93.9548, 99.4354,
108.8487

■ 40.1715, 20.7061,
2.0195

Harmonies

Analogous

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



57.5646, 44.4247, 54.0665



56.4782, 44.4247, 34.8763



51.3662, 44.4247, 23.2455

Triad

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



56.4782, 44.4247, 34.8763



32.1678, 44.4247, 27.7808



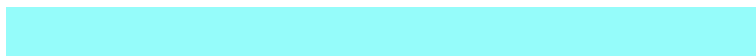
40.3377, 44.4247, 99.5674

Complementary

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



56.4782, 44.4247, 34.8763



64.4622, 82.9133, 103.0534

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.



34.2371, 44.4247, 87.1273



56.4782, 44.4247, 34.8763



29.8846, 44.4247, 43.0901

Square

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



56.4782, 44.4247, 34.8763



37.2036, 44.4247, 20.0397



30.5964, 44.4247, 64.9624



47.6776, 44.4247, 95.5032

Rectangle

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



56.4782, 44.4247, 34.8763



46.6507, 44.4247, 19.4922



30.5964, 44.4247, 64.9624



38.0872, 44.4247, 97.0765

Sweetspot

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



56.4794, 44.4269, 34.8771



81.5929, 80.2224, 82.4129



67.2318, 48.5856, 97.9297



17.1795, 16.7527, 17.0787



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.



56.4794, 44.4269, 34.8771



53.4263, 38.9174, 26.6945



65.5524, 62.8300, 37.1091



17.2582, 17.2307, 17.9497



20.9319, 10.7885, 1.0841



1.9433, 1.0011, 0.1248

Inverse Universe

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



56.4794, 44.4269, 34.8771



53.4263, 38.9174, 26.6945



51.5441, 56.5740, 100.2984



17.2582, 17.2307, 17.9497



20.9319, 10.7885, 1.0841



1.9433, 1.0011, 0.1248

Previews

White Background



This preview shows how the XYZ color 56.4782, 44.4247, 34.8763 looks on a white background.

Color Contrast Check

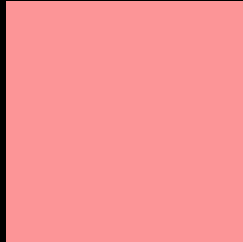
Large Text (above 18pt) WCAG AA × Fail

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 56.4782, 44.4247, 34.8763 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 56.4782, 44.4247, 34.8763

Background



This preview shows how black text looks on a background with the XYZ color 56.4782, 44.4247, 34.8763.



This preview shows how white text looks on a background with the XYZ color 56.4782, 44.4247, 34.8763.

34.8763.

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

56.4782, 44.4247, 34.8763

Protanopia

42.5705, 44.7843, 42.4769

Deuteranopia

45.2830, 44.3542, 33.7783



Tritanopia

57.3559, 44.5657, 38.3799

Trichromacy



Original Color

56.4782, 44.4247, 34.8763

Protanomaly

46.5462, 43.7660, 39.7126

Deuteranomaly

48.8739, 44.0205, 33.9378

Tritanomaly

57.0987, 44.4628, 37.0252

Monochromacy



Original Color

56.4782, 44.4247, 34.8763

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

46.8030, 44.3623, 43.6321

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4782, 44.4247, 34.8763 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(252, 149, 151)` looks like.

```
.text, #text, p{  
    color:rgb(252, 149, 151)  
}
```

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(252, 149, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 149, 151) }
```

Border

The CSS property to change the border of an element to XYZ 56.4782, 44.4247, 34.8763 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(252, 149, 151) }
```


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

```
.border{ border-color:rgb(252, 149, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 149, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 149, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 149, 151);  
box-shadow:4px 4px 4px 4px rgb(252, 149,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4782, 44.4247, 34.8763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 149, 151) }
```

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

```
.background{ background-color: rgb(252,  
149, 151) }
```

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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