

Converting Colors

XYZ(56.1950, 44.5239, 34.4863)

Have a look what the booklet for
XYZ(56.1950, 44.5239, 34.4863)
contains.

XYZ(56.1950, 44.5239, 34.4863)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(56.1950, 44.5239,
34.4863)**

Conversions

Conversions Part 1

Format	Color
Hex	FB9696
RGB	251, 150, 150
RGB Percent	98%, 59%, 59%
CMY	0.0157, 0.4117, 0.4118
CMYK	0.00, 0.40, 0.40, 0.02
HSL	0°, 93%, 79%
HSV	0°, 40%, 98%
XYZ	56.1950, 44.5239, 34.4863
YIQ	180.1990, 60.1960, 21.4120

Conversions

Conversions Part 2

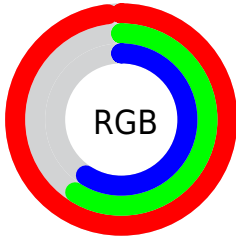
Format	Color
R_{YB}	251, 150, 150
Decimal	16488086
CIE Lab	72.58, 37.85, 16.39
CIE LCh	73, 41.249, 23.411
Yxy	44.5239, 0.4156, 0.3293
Android (android.graphics.Color)	4294678166 (0xFFFB9696)
YUV	180.1990, -14.8881, 62.0925
Hunter-Lab	66.7262, 33.5569, 16.0654

Details

The XYZ color **56.1950, 44.5239, 34.4863** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.4858, 82.4398, 103.7804**, and the grayscale version is **43.5452, 45.8130, 49.8903**.

A 20% lighter version of the original color is **73.9704, 69.2823, 66.6009**, and **28.2651, 20.6567, 14.3018** is the 20% darker color. If you saturate the color by 10%, you get **50.8010, 36.6314, 23.7620**, and if you desaturate by 10%, it is **62.8819, 54.3093, 47.7780**.

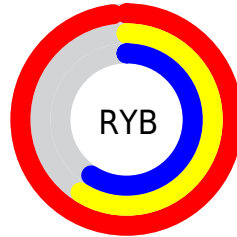
Distribution



Red (98%)

Green (59%)

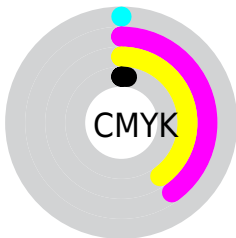
Blue (59%)



Red (98%)

Yellow (59%)

Blue (59%)

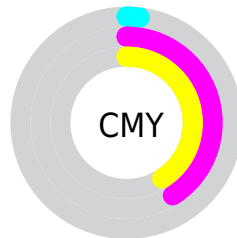


Cyan (0%)

Magenta (40%)

Yellow (40%)

Black (2%)



Cyan (2%)


Magenta (41%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.1950, 44.5239, 34.4863 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 56.1950, 44.5239, 34.4863 by changing the saturation by 10% instead.


 56.1950, 44.5239,
34.4863


 56.1950, 44.5239,
34.4863


400.4891,
364.8419, 337.1301

 40.5969, 31.0826,
22.9871


 98.4278, 82.0055,
67.8317

 28.1905, 20.6617,
14.3787


 125.7932,
106.8146, 90.5150

 18.6105, 12.8770,
8.2428


157.8117,
136.1817, 117.7633

 11.4915, 7.3439,
4.1607

194.8488,
170.4913, 149.9953

 6.4682, 3.6781,
1.7139

237.2697,
210.1277, 187.6294

 3.1751, 1.4952,
0.3702

285.4398,

 1.2470, 0.2853,

255.4754, 231.0842

0.0000

339.7245,
306.9186, 280.7783

■ 0.1430, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.1950, 44.5239,
34.4863

■ 56.1950, 44.5239,
34.4863

■ 50.8010, 36.6314,
23.7620

■ 62.8819, 54.3093,
47.7780

■ 46.6132, 30.5033,
15.4371

■ 70.9340, 66.0918,
63.7852

■ 43.5399, 26.0062,
9.3280

■ 80.4224, 79.9760,
82.6479

■ 41.4749, 22.9843,
5.2231

■ 91.4123, 96.0572,
104.4955

■ 40.2911, 21.2519,
2.8702

■ 93.5936, 99.2492,
108.8318

■ 39.7838, 20.5095,
1.8619

Harmonies

Analogous

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



57.4590, 44.5239, 53.1278



56.1950, 44.5239, 34.4863



51.0324, 44.5239, 23.2838

Triad

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



56.1950, 44.5239, 34.4863



32.2332, 44.5239, 28.6313



40.7641, 44.5239, 98.9088

Complementary

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



56.1950, 44.5239, 34.4863



64.4858, 82.4398, 103.7804

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.



34.6579, 44.5239, 87.3548



56.1950, 44.5239, 34.4863



30.1030, 44.5239, 44.1095

Square

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



56.1950, 44.5239, 34.4863



37.0995, 44.5239, 20.6272



30.9382, 44.5239, 65.8215



48.0057, 44.5239, 94.2011

Rectangle

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



56.1950, 44.5239, 34.4863



46.3568, 44.5239, 19.7360



30.9382, 44.5239, 65.8215



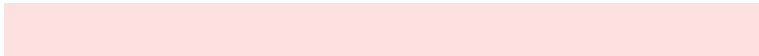
38.5221, 44.5239, 96.7124

Sweetspot

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



56.1962, 44.5261, 34.4871



81.5126, 80.1911, 81.9880



68.1027, 49.2873, 97.1907



17.1609, 16.7454, 16.9798



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.



56.1962, 44.5261, 34.4871



53.7799, 39.6101, 26.8567



66.0591, 64.2520, 37.7748



17.2448, 17.2254, 17.8783



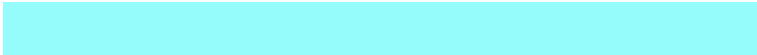
20.9120, 10.7807, 0.9787



1.9368, 0.9985, 0.0907

Inverse Universe

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



64.4858, 82.4398, 103.7804



63.4176, 83.6896, 107.4190



50.7608, 54.9899, 99.2054



17.7658, 19.6085, 22.2337



27.2836, 39.9227, 54.2414



2.5270, 3.6976, 5.0237

Previews

White Background



This preview shows how the XYZ color 56.1950, 44.5239, 34.4863 looks on a white background.

Color Contrast Check

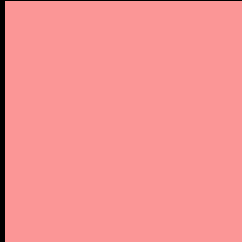
Large Text (above 18pt) WCAG AA × Fail

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 56.1950, 44.5239, 34.4863 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 56.1950, 44.5239, 34.4863

Background



This preview shows how black text looks on a background with the XYZ color 56.1950, 44.5239, 34.4863.



This preview shows how white text looks on a background with the XYZ color 56.1950, 44.5239,

34.4863.

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

56.1950, 44.5239, 34.4863

Protanopia

42.6288, 44.8354, 41.5293

Deuteranopia

45.6730, 44.8458, 33.4430



Tritanopia

57.2375, 44.7284, 38.8744

Trichromacy



Original Color

56.1950, 44.5239, 34.4863



Protanomaly

46.5551, 44.0638, 38.8523



Deuteranomaly

48.9733, 44.3455, 33.5821



Tritanomaly

56.8931, 44.5906, 37.0607

Monochromacy



Original Color

56.1950, 44.5239, 34.4863



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 56.1950, 44.5239, 34.4863 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(251, 150, 150)` looks like.

```
.text, #text, p{  
    color:rgb(251, 150, 150)  
}
```

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(251, 150, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 150, 150) }
```

Border

The CSS property to change the border of an element to XYZ 56.1950, 44.5239, 34.4863 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(251, 150, 150) }
```


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

```
.border{ border-color:rgb(251, 150, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 150, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 150, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 150, 150);  
box-shadow:4px 4px 4px 4px rgb(251, 150,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1950, 44.5239, 34.4863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 150, 150) }
```

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

```
.background{ background-color: rgb(251,  
150, 150) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor