

Converting Colors

XYZ(55.6909, 44.5442, 34.6405)

Have a look what the booklet for
XYZ(55.6909, 44.5442, 34.6405)
contains.

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Color

**XYZ(55.6386, 44.4750,
34.5062)**

Conversions

Conversions Part 1

Format	Color
Hex	F99796
RGB	249, 151, 150
RGB Percent	98%, 59%, 59%
CMY	0.0235, 0.4078, 0.4118
CMYK	0.00, 0.39, 0.40, 0.02
HSL	1°, 89%, 78%
HSV	1°, 40%, 98%
XYZ	55.6386, 44.4750, 34.5062
YIQ	180.1880, 58.7290, 20.4650

Conversions

Conversions Part 2

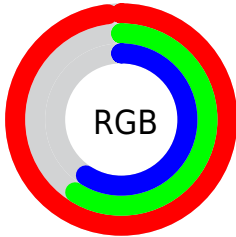
Format	Color
R _Y B	249, 151, 150
Decimal	16357270
CIE Lab	72.54, 36.60, 16.31
CIE LCh	73, 40.072, 24.013
Yxy	44.4750, 0.4133, 0.3304
Android (android.graphics.Color)	4294547350 (0xFFFF99796)
YUV	180.1880, -14.8827, 60.3481
Hunter-Lab	66.6896, 32.2144, 16.0052

Details

The XYZ color **55.6386, 44.4750, 34.5062** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.2424, 80.4550, 101.8187**, and the grayscale version is **43.5399, 45.8074, 49.8842**.

A 20% lighter version of the original color is **74.2104, 69.7622, 66.6809**, and **27.8550, 20.5834, 14.3092** is the 20% darker color. If you saturate the color by 10%, you get **50.2820, 36.6369, 23.8574**, and if you desaturate by 10%, it is **62.2526, 54.1461, 47.6767**.

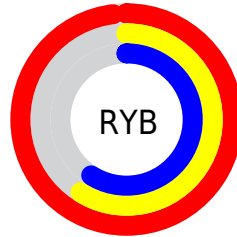
Distribution



Red (98%)

Green (59%)

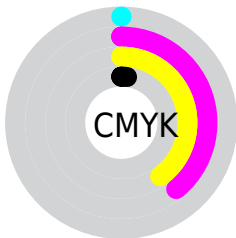
Blue (59%)



Red (98%)

Yellow (59%)

Blue (59%)

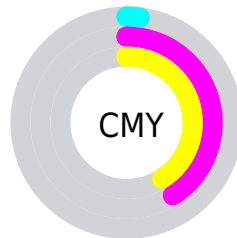


Cyan (0%)

Magenta (39%)

Yellow (40%)

Black (2%)



Cyan (2%)


Magenta (41%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.6386, 44.4750, 34.5062 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 55.6386, 44.4750, 34.5062 by changing the saturation by 10% instead.


 55.6386, 44.4750,
34.5062


 55.6386, 44.4750,
34.5062


398.4253,
364.6431, 337.2211

 40.1491, 31.0441,
23.0022


 97.6189, 81.9320,
67.8629

 27.8395, 20.6324,
14.3898


 124.8403,
106.7270, 90.5528

 18.3446, 12.8556,
8.2505


156.7032,
136.0787, 117.8084

 11.2988, 7.3292,
4.1656

193.5727,
170.3716, 150.0483

 6.3370, 3.6688,
1.7166

235.8143,
209.9901, 187.6909

 3.0936, 1.4901,
0.3721

283.7934,

 1.2035, 0.2817,

255.3186, 231.1549

0.0000

337.8753,
306.7415, 280.8588

■ 0.1091, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.6386, 44.4750,
34.5062

■ 55.6386, 44.4750,
34.5062

■ 50.2820, 36.6369,
23.8574

■ 62.2526, 54.1461,
47.6767

■ 46.1001, 30.5101,
15.5670

■ 70.1931, 65.7487,
63.5130

■ 43.0057, 25.9688,
9.4566

■ 79.5279, 79.3820,
82.1513

■ 40.8981, 22.8670,
5.3214

■ 90.3196, 95.1367,
103.7178

■ 39.6577, 21.0318,
2.9177

■ 92.8769, 98.8797,
108.7983

■ 39.1041, 20.2089,
1.8569

■ 39.0944, 20.1947,
1.8375

Harmonies

Analogous

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



56.9455, 44.4750, 52.5130



55.6386, 44.4750, 34.5062



50.5887, 44.4750, 23.6596

Triad

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



55.6386, 44.4750, 34.5062



32.3877, 44.4750, 29.2969



40.8985, 44.4750, 97.1131

Complementary

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



55.6386, 44.4750, 34.5062



63.2424, 80.4550, 101.8187

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.



34.9210, 44.4750, 86.2987



55.6386, 44.4750, 34.5062



30.3644, 44.4750, 44.5562

Square

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



55.6386, 44.4750, 34.5062



37.0819, 44.4750, 21.2771



31.2387, 44.4750, 65.6604



47.9254, 44.4750, 92.2780

Rectangle

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



55.6386, 44.4750, 34.5062



46.0464, 44.4750, 20.2394



31.2387, 44.4750, 65.6604



38.7100, 44.4750, 95.1124

Sweetspot

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



55.6398, 44.4772, 34.5071



81.5960, 80.3578, 82.0158



67.0723, 48.7923, 95.5053



17.1803, 16.7842, 16.9863



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.



55.6398, 44.4772, 34.5071



53.9495, 39.9494, 26.9132



65.1108, 63.4194, 37.6641



17.2588, 17.2534, 17.8830



20.9327, 10.8221, 0.9856



1.9436, 1.0120, 0.0929

Inverse Universe

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



63.2424, 80.4550, 101.8187



63.0244, 82.9032, 107.2879



50.2156, 54.4013, 97.4764



17.7498, 19.5765, 22.2284



26.8771, 39.1097, 54.1059



2.4940, 3.6317, 5.0127

Previews

White Background



This preview shows how the XYZ color 55.6386, 44.4750, 34.5062 looks on a white background.

Color Contrast Check

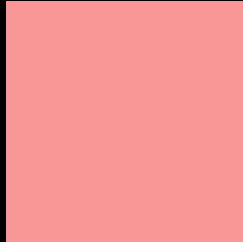
Large Text (above 18pt) WCAG AA × Fail

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 55.6386, 44.4750, 34.5062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

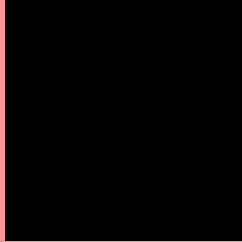
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.6386, 44.4750, 34.5062

Background



This preview shows how black text looks on a background with the XYZ color 55.6386, 44.4750, 34.5062.



This preview shows how white text looks on a background with the XYZ color 55.6386, 44.4750,

34.5062.

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

55.6386, 44.4750, 34.5062

Protanopia

42.6288, 44.8354, 41.5293

Deuteranopia

45.4833, 44.4665, 33.3798



Tritanopia

56.5170, 44.3570, 38.8407

Trichromacy



Original Color

55.6386, 44.4750, 34.5062

Protanomaly

46.2731, 43.9184, 38.8391

Deuteranomaly

48.6661, 44.1871, 33.5677

Tritanomaly

56.3314, 44.5370, 37.0800

Monochromacy



Original Color

55.6386, 44.4750, 34.5062

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

46.5262, 44.2196, 43.6192

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6386, 44.4750, 34.5062 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(249, 151, 150)` looks like.

```
.text, #text, p{  
    color:rgb(249, 151, 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(249, 151, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 151, 150) }
```

Border

The CSS property to change the border of an element to XYZ 55.6386, 44.4750, 34.5062 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(249, 151, 150) }
```


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

```
.border{ border-color:rgb(249, 151, 150) }
```

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

Here you see how a box with a 4 pixel rgb(249, 151, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 151, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 151, 150);  
box-shadow:4px 4px 4px 4px rgb(249, 151,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6386, 44.4750, 34.5062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 151, 150) }
```

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

```
.background{ background-color: rgb(249,  
151, 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](#).

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