

Converting Colors

XYZ(58.4657, 46.5113, 36.0348)

Have a look what the booklet for
XYZ(58.4657, 46.5113, 36.0348)
contains.

XYZ(58.5454, 46.6711, 36.0597)	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(58.5454, 46.6711,
36.0597)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9A99
RGB	255, 154, 153
RGB Percent	100%, 60%, 60%
CMY	0.0000, 0.3961, 0.4000
CMYK	0.00, 0.40, 0.40, 0.00
HSL	1°, 100%, 80%
HSV	1°, 40%, 100%
XYZ	58.5454, 46.6711, 36.0597
YIQ	184.0850, 60.5170, 21.1010

Conversions

Conversions Part 2

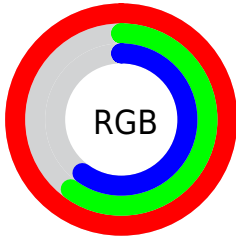
Format	Color
R _Y B	255, 154, 153
Decimal	16751257
CIE Lab	73.98, 37.58, 16.76
CIE LCh	74, 41.152, 24.038
Yxy	46.6711, 0.4144, 0.3304
Android (android.graphics.Color)	4294941337 (0xFFFF9A99)
YUV	184.0850, -15.3249, 62.1925
Hunter-Lab	68.3162, 33.4168, 16.5260

Details

The XYZ color **58.5454, 46.6711, 36.0597** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **66.6271, 84.8724, 107.4781**, and the grayscale version is **45.6667, 48.0449, 52.3209**.

A 20% lighter version of the original color is **75.5491, 71.8582, 68.9196**, and **29.5576, 21.8688, 15.2336** is the 20% darker color. If you saturate the color by 10%, you get **52.9220, 38.4423, 24.8811**, and if you desaturate by 10%, it is **65.4976, 56.8372, 49.9023**.

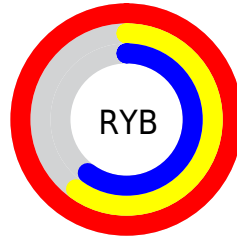
Distribution



Red (100%)

Green (60%)

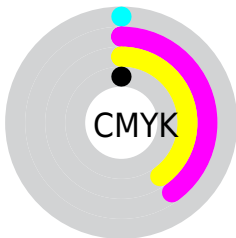
Blue (60%)



Red (100%)

Yellow (60%)

Blue (60%)

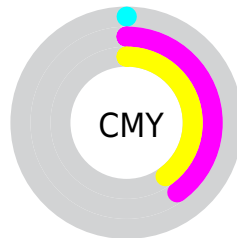


Cyan (0%)

Magenta (40%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (40%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.5454, 46.6711, 36.0597 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 58.5454, 46.6711, 36.0597 by changing the saturation by 10% instead.

 58.5454, 46.6711,
36.0597

 58.5454, 46.6711,
36.0597


409.1363,
373.5002, 344.2667

 42.4922, 32.7757,
24.1902


 101.8351, 85.2225,
70.2943

 29.6797, 21.9547,
15.2613


 129.8023,
110.6473, 93.4965

 19.7425, 13.8236,
8.8543


162.4716,
140.6840, 121.3134

 12.3152, 7.9981,
4.5508

200.2083,
175.7170, 154.1635

 7.0324, 4.0937,
1.9321

243.3777,
216.1307, 192.4653

 3.5289, 1.7261,
0.5130

292.3453,

 1.4392, 0.4405,

262.3096, 236.6374

0.0000

347.4764,
314.6379, 287.0984

■ 0.2839, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.5454, 46.6711,
36.0597

■ 58.5454, 46.6711,
36.0597

■ 52.9220, 38.4423,
24.8811

■ 65.4976, 56.8372,
49.9023

■ 48.5394, 32.0215,
16.1931

■ 73.8521, 69.0454,
66.5621

■ 45.3050, 27.2748,
9.8059

■ 83.6809, 83.4012,
86.1837

■ 43.1112, 24.0464,
5.5013

95.0500, 100.0000,
108.9000

■ 41.8306, 22.1517,
3.0193

■ 41.2673, 21.3146,
1.9391

■ 41.2673, 21.3146,
1.9391

Harmonies

Analogous

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



59.9379, 46.6711, 55.1340



58.5454, 46.6711, 36.0597



53.1791, 46.6711, 24.6093

Triad

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



58.5454, 46.6711, 36.0597



33.8837, 46.6711, 30.5760



42.9090, 46.6711, 102.5831

Complementary

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



58.5454, 46.6711, 36.0597



66.6271, 84.8724, 107.4781

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.



36.5732, 46.6711, 91.0804



58.5454, 46.6711, 36.0597



31.7453, 46.6711, 46.7312

Square

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



58.5454, 46.6711, 36.0597



38.8526, 46.6711, 22.1089



32.6729, 46.6711, 69.1341



50.3636, 46.6711, 97.4197

Rectangle

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



58.5454, 46.6711, 36.0597



48.3570, 46.6711, 21.0091



32.6729, 46.6711, 69.1341



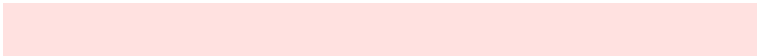
40.5886, 46.6711, 100.4569

Sweetspot

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



58.5466, 46.6734, 36.0606



81.5935, 80.3528, 82.0150



70.6814, 51.2628, 100.7771



17.1797, 16.7830, 16.9861



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.



58.5466, 46.6734, 36.0606



53.9445, 39.9393, 26.9116



68.5829, 66.7459, 39.4060



18.0238, 18.0157, 18.6718



21.5693, 11.1497, 1.0153



2.1050, 1.0953, 0.1005

Inverse Universe

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



66.6271, 84.8724, 107.4781



63.0360, 82.9264, 107.2918



52.7801, 57.1784, 102.8625



18.5386, 20.4489, 23.2199



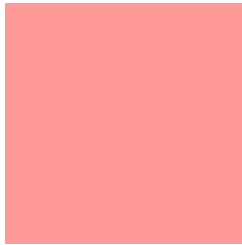
27.7075, 40.3247, 55.7577



2.7026, 3.9358, 5.4305

Previews

White Background



This preview shows how the XYZ color 58.5454, 46.6711, 36.0597 looks on a white background.

Color Contrast Check

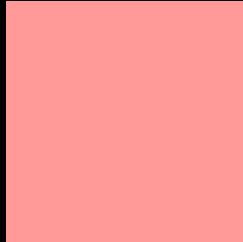
Large Text (above 18pt) WCAG AA × Fail

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 58.5454, 46.6711, 36.0597 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 58.5454, 46.6711, 36.0597

Background



This preview shows how black text looks on a background with the XYZ color 58.5454, 46.6711, 36.0597.



This preview shows how white text looks on a background with the XYZ color 58.5454, 46.6711,

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

58.5454, 46.6711, 36.0597

Protanopia

44.6893, 47.0647, 43.2882

Deuteranopia

47.6188, 46.6788, 34.9339



Tritanopia

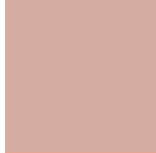
59.3321, 46.7228, 41.0132

Trichromacy



Original Color

58.5454, 46.6711, 36.0597



Protanomaly

48.7147, 46.2598, 40.5439



Deuteranomaly

51.0023, 46.1703, 35.0778



Tritanomaly

58.9764, 46.5805, 39.1403

Monochromacy



Original Color

58.5454, 46.6711, 36.0597



Achromatopsia

45.5594, 47.9320, 52.1980



Achromatomaly

49.0647, 46.6059, 45.9450

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5454, 46.6711, 36.0597 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, 154, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 154, 153)  
}
```

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, 154, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 154, 153) }
```

Border

The CSS property to change the border of an element to XYZ 58.5454, 46.6711, 36.0597 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, 154, 153) }
```


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

```
.border{ border-color:rgb(255, 154, 153) }
```

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

Here you see how a box with a 4 pixel rgb(255, 154, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 154, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 154, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 154,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5454, 46.6711, 36.0597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 154, 153) }
```

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

```
.background{ background-color: rgb(255,  
154, 153) }
```

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