

Converting Colors

XYZ(58.8662, 47.5336, 35.4856)

Have a look what the booklet for
XYZ(58.8662, 47.5336, 35.4856)
contains.

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Color

**XYZ(58.8829, 47.6083,
35.3640)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9D97
RGB	255, 157, 151
RGB Percent	100%, 62%, 59%
CMY	0.0000, 0.3843, 0.4078
CMYK	0.00, 0.38, 0.41, 0.00
HSL	3°, 100%, 80%
HSV	3°, 41%, 100%
XYZ	58.8829, 47.6083, 35.3640
YIQ	185.6180, 60.3340, 18.9100

Conversions

Conversions Part 2

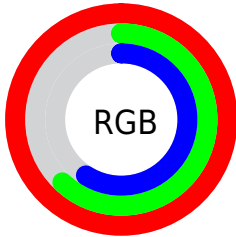
Format	Color
R_{YB}	255, 157, 151
Decimal	16752023
CIE _{Lab}	74.58, 35.82, 18.69
CIE _{LCh}	75, 40.403, 27.555
Yxy	47.6083, 0.4151, 0.3356
Android (android.graphics.Color)	4294942103 (0xFFFF9D97)
YUV	185.6180, -17.0667, 60.8480
Hunter-Lab	68.9988, 31.5824, 17.9112

Details

The XYZ color **58.8829, 47.6083, 35.3640** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.6866, 81.5472, 106.9385**, and the grayscale version is **46.5284, 48.9515, 53.3082**.

A 20% lighter version of the original color is **76.0537, 73.2563, 67.8890**, and **29.7562, 22.4228, 14.8163** is the 20% darker color. If you saturate the color by 10%, you get **53.3585, 39.5229, 24.3867**, and if you desaturate by 10%, it is **65.6570, 57.4762, 48.9683**.

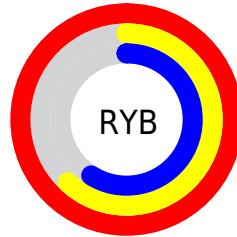
Distribution



Red (100%)

Green (62%)

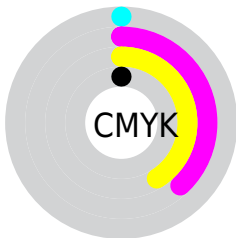
Blue (59%)



Red (100%)

Yellow (62%)

Blue (59%)

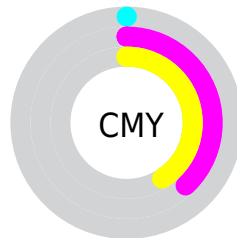


Cyan (0%)

Magenta (38%)

Yellow (41%)

Black (0%)



Cyan (0%)


Magenta (38%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.8829, 47.6083, 35.3640 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 58.8829, 47.6083, 35.3640 by changing the saturation by 10% instead.


 58.8829, 47.6083,
35.3640


 58.8829, 47.6083,
35.3640


410.3689,
377.2374, 341.1250

 42.7649, 33.5168,
23.6576

 102.3231, 86.6209,
69.2072

 29.8944, 22.5226,
14.8700


 130.3759,
112.3108, 92.1812

 19.9061, 14.2414,
8.5826


163.1377,
142.6356, 119.7480

 12.4347, 8.2888,
4.3769

200.9738,
177.9798, 152.3263

 7.1147, 4.2803,
1.8343

244.2497,
218.7276, 190.3346

 3.5809, 1.8316,
0.4504

293.3305,

 1.4679, 0.5067,

265.2636, 234.1915

0.0000

348.5818,
317.9721, 284.3155

■ 0.3038, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.8829, 47.6083,
35.3640

■ 58.8829, 47.6083,
35.3640

■ 53.3585, 39.5229,
24.3867

■ 65.6570, 57.4762,
48.9683

■ 49.0038, 33.1072,
15.8644

■ 73.7469, 69.2165,
65.3511

■ 45.7355, 28.2463,
9.6090

■ 83.2184, 82.9217,
84.6557

■ 43.4576, 24.8083,
5.4039

■ 94.1319, 98.6761,
107.0146

■ 42.0572, 22.6389, 95.0500, 100.0000,
2.9903 108.9000

■ 41.4070, 21.5939,
1.9857

Harmonies

Analogous

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



60.7872, 47.6083, 53.5729



58.8829, 47.6083, 35.3640



53.2134, 47.6083, 24.7575

Triad

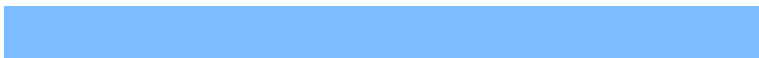
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58.8829, 47.6083, 35.3640



34.3999, 47.6083, 33.1096



44.6535, 47.6083, 103.3201

Complementary

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



58.8829, 47.6083, 35.3640



64.6866, 81.5472, 106.9385

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.



38.1240, 47.6083, 93.7436



58.8829, 47.6083, 35.3640



32.6157, 47.6083, 50.1396

Square

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



58.8829, 47.6083, 35.3640



39.0576, 47.6083, 23.7234



33.9031, 47.6083, 72.7657



52.0651, 47.6083, 96.3147

Rectangle

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



58.8829, 47.6083, 35.3640



48.3458, 47.6083, 21.6388



33.9031, 47.6083, 72.7657



42.2897, 47.6083, 101.8875

Sweetspot

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



58.8841, 47.6107, 35.3649



81.9907, 81.1472, 82.1474



69.5308, 50.2832, 96.3191



17.2722, 16.9680, 17.0170



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.



58.8841, 47.6107, 35.3649



54.2561, 40.8400, 26.1600



69.4308, 68.7040, 38.8805



18.0935, 18.1552, 18.6950



21.6690, 11.3492, 1.0485



2.1381, 1.1615, 0.1115

Inverse Universe

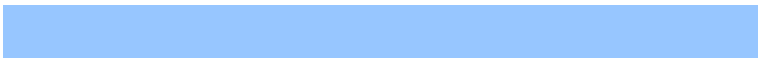
The Inverse Universe completely reimagines the original color for something new.



64.6866, 81.5472, 106.9385



60.7648, 78.9721, 106.6482



50.9613, 54.0965, 102.3634



18.4597, 20.2911, 23.1936



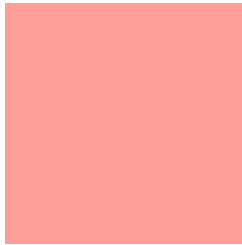
25.7943, 36.4983, 55.1200



2.5378, 3.6062, 5.3756

Previews

White Background



This preview shows how the XYZ color 58.8829, 47.6083, 35.3640 looks on a white background.

Color Contrast Check

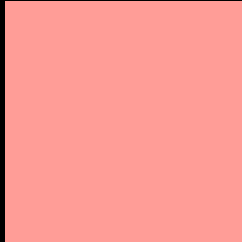
Large Text (above 18pt) WCAG AA × Fail

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 58.8829, 47.6083, 35.3640 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 58.8829, 47.6083, 35.3640

Background



This preview shows how black text looks on a background with the XYZ color 58.8829, 47.6083, 35.3640.



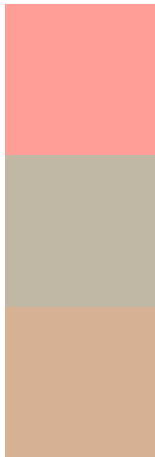
This preview shows how white text looks on a background with the XYZ color 58.8829, 47.6083,

35.3640.

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

58.8829, 47.6083, 35.3640

Protanopia

45.3726, 47.7538, 41.9480

Deuteranopia

48.7202, 47.8470, 34.2713



Tritanopia

59.9364, 47.4927, 42.5672

Trichromacy



Original Color

58.8829, 47.6083, 35.3640

Protanomaly

49.4184, 47.2224, 39.3111

Deuteranomaly

52.0331, 47.5456, 34.4517

Tritanomaly

59.5615, 47.6101, 39.7687

Monochromacy



Original Color

58.8829, 47.6083, 35.3640

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

49.7368, 47.5260, 46.0872

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8829, 47.6083, 35.3640 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, 157, 151)` looks like.

```
.text, #text, p{  
    color:rgb(255, 157, 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(255, 157, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 157, 151) }
```

Border

The CSS property to change the border of an element to XYZ 58.8829, 47.6083, 35.3640 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, 157, 151) }
```


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

```
.border{ border-color:rgb(255, 157, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 157, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 157, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 157, 151);  
box-shadow:4px 4px 4px 4px rgb(255, 157,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8829, 47.6083, 35.3640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 157, 151) }
```

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

```
.background{ background-color: rgb(255,  
157, 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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