

Converting Colors

XYZ(63.5144, 50.4260, 34.3041)

Have a look what the booklet for
XYZ(63.5144, 50.4260, 34.3041)
contains.

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Color

**XYZ(58.9834, 48.1944,
34.2107)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9F94
RGB	255, 159, 148
RGB Percent	100%, 62%, 58%
CMY	0.0000, 0.3764, 0.4196
CMYK	0.00, 0.38, 0.42, 0.00
HSL	6°, 100%, 79%
HSV	6°, 42%, 100%
XYZ	58.9834, 48.1944, 34.2107
YIQ	186.4500, 60.7470, 16.9310

Conversions

Conversions Part 2

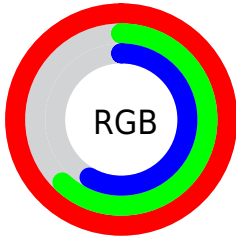
Format	Color
R _Y B	255, 160, 148
Decimal	16752532
CIE Lab	74.95, 34.47, 20.84
CIE LCh	75, 40.278, 31.158
Yxy	48.1944, 0.4172, 0.3409
Android (android.graphics.Color)	4294942612 (0xFFFF9F94)
YUV	186.4500, -18.9558, 60.1184
Hunter-Lab	69.4222, 30.1707, 19.3779

Details

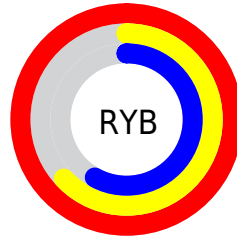
The XYZ color **58.9834, 48.1944, 34.2107** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.6118, 78.2138, 106.4043**, and the grayscale version is **47.0050, 49.4529, 53.8542**.

A 20% lighter version of the original color is **76.2011, 74.1251, 66.1685**, and **29.8174, 22.7732, 14.1334** is the 20% darker color. If you saturate the color by 10%, you get **53.6064, 40.3225, 23.5333**, and if you desaturate by 10%, it is **65.5356, 57.7050, 47.4741**.

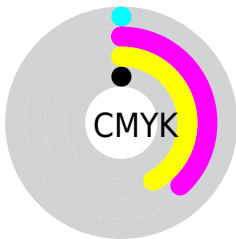
Distribution



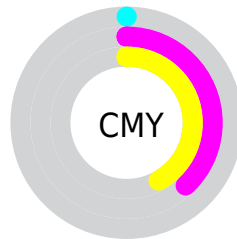
- Red (100%)
- Green (62%)
- Blue (58%)



- Red (100%)
- Yellow (63%)
- Blue (58%)



- Cyan (0%)
- Magenta (38%)
- Yellow (42%)
- Black (0%)





- Cyan (0%)
- Magenta (38%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.9834, 48.1944, 34.2107 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 58.9834, 48.1944, 34.2107 by changing the saturation by 10% instead.


 58.9834, 48.1944,
34.2107

 58.9834, 48.1944,
34.2107


410.7354,
379.5622, 335.8683

 42.8461, 33.9809,
22.7768

 102.4683, 87.4938,
67.3988

 29.9584, 22.8789,
14.2251


 130.5466,
113.3484, 89.9902

 19.9549, 14.5041,
8.1368

163.3359,
143.8522, 117.1378

 12.4703, 8.4721,
4.0936

201.2016,
179.3895, 149.2602

 7.1393, 4.3985,
1.6768

244.5091,
220.3448, 186.7759

 3.5965, 1.8989,
0.3448

293.6236,

 1.4765, 0.5477,

267.1024, 230.1034

0.0000

348.9106,
320.0467, 279.6614

■ 0.3098, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.9834, 48.1944,
34.2107

■ 58.9834, 48.1944,
34.2107

■ 53.6064, 40.3225,
23.5333

■ 65.5356, 57.7050,
47.4741

■ 49.3310, 33.9898,
15.2703

■ 73.3231, 68.9320,
63.4743

■ 46.0813, 29.0972,
9.2335

■ 82.4065, 81.9570,
82.3540

■ 43.7700, 25.5311,
5.2060

■ 92.8414, 96.8541,
104.2449

■ 42.2947, 23.1603,
2.9267

95.0499, 99.9999,
108.9000

■ 41.6144, 22.0089,
2.0548

Harmonies

Analogous

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



61.4236, 48.1944, 51.6624



58.9834, 48.1944, 34.2107



52.9616, 48.1944, 24.4265

Triad

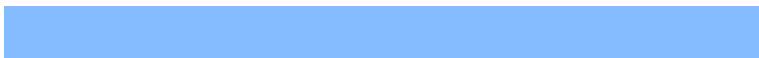
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58.9834, 48.1944, 34.2107



34.5191, 48.1944, 35.2862



46.0933, 48.1944, 104.1755

Complementary

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



58.9834, 48.1944, 34.2107



62.6118, 78.2138, 106.4043

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.



39.3282, 48.1944, 96.4640



58.9834, 48.1944, 34.2107



33.0912, 48.1944, 53.2971

Square

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



58.9834, 48.1944, 34.2107



38.8834, 48.1944, 24.9207



34.7559, 48.1944, 76.3015



53.5080, 48.1944, 95.2426

Rectangle

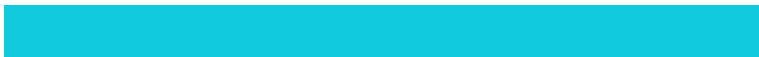
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58.9834, 48.1944, 34.2107



48.0120, 48.1944, 21.8024



34.7559, 48.1944, 76.3015



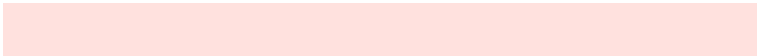
43.6712, 48.1944, 103.4313

Sweetspot

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



58.9846, 48.1968, 34.2116



81.4002, 80.5169, 80.2529



68.2047, 48.9901, 91.6881



16.9760, 16.5938, 16.2457



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.



58.9846, 48.1968, 34.2116



54.5716, 41.7416, 25.4306



70.1789, 70.5853, 37.9430



18.1597, 18.2875, 18.7171



21.7932, 11.5976, 1.0899



2.1693, 1.2240, 0.1219

Inverse Universe

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



62.6118, 78.2138, 106.4043



58.5951, 75.2067, 106.0358



48.8503, 50.6907, 101.8171



18.3858, 20.1433, 23.1690



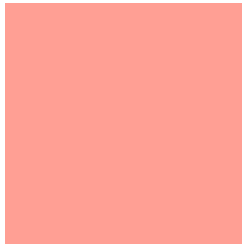
24.1039, 33.1174, 54.5565



2.3910, 3.3127, 5.3267

Previews

White Background



This preview shows how the XYZ color 58.9834, 48.1944, 34.2107 looks on a white background.

Color Contrast Check

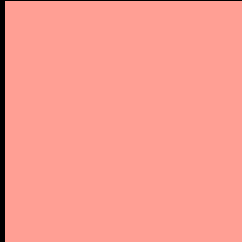
Large Text (above 18pt) WCAG AA × Fail

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 58.9834, 48.1944, 34.2107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

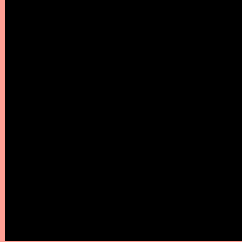
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.9834, 48.1944, 34.2107

Background



This preview shows how black text looks on a background with the XYZ color 58.9834, 48.1944, 34.2107.



This preview shows how white text looks on a background with the XYZ color 58.9834, 48.1944,

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

58.9834, 48.1944, 34.2107

Protanopia

45.7338, 48.2884, 40.1679

Deuteranopia

49.1519, 48.0875, 33.4793



Tritanopia

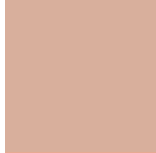
60.3649, 48.2011, 43.1680

Trichromacy



Original Color

58.9834, 48.1944, 34.2107



Protanomaly

49.6496, 47.6592, 38.0348



Deuteranomaly

52.1962, 47.6478, 33.6400



Tritanomaly

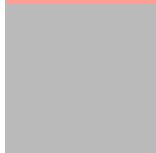
59.8999, 48.2869, 39.8815

Monochromacy



Original Color

58.9834, 48.1944, 34.2107



Achromatopsia

46.6715, 49.1021, 53.4722



Achromatomaly

49.8357, 47.8781, 45.6445

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9834, 48.1944, 34.2107 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, 159, 148)` looks like.

```
.text, #text, p{  
    color:rgb(255, 159, 148)  
}
```

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, 159, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 159, 148) }
```

Border

The CSS property to change the border of an element to XYZ 58.9834, 48.1944, 34.2107 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, 159, 148) }
```


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

```
.border{ border-color:rgb(255, 159, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 159, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 159, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 159, 148);  
box-shadow:4px 4px 4px 4px rgb(255, 159,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9834, 48.1944, 34.2107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 159, 148) }
```

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

```
.background{ background-color: rgb(255,  
159, 148) }
```

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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