

Converting Colors

XYZ(126.6457, 82.2189,
37.1305)

Have a look what the booklet for
XYZ(126.6457, 82.2189, 37.1305)
contains.

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Color

**XYZ(58.4738, 47.1751,
34.0408)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9C94
RGB	255, 156, 148
RGB Percent	100%, 61%, 58%
CMY	0.0000, 0.3882, 0.4196
CMYK	0.00, 0.39, 0.42, 0.00
HSL	4°, 100%, 79%
HSV	4°, 42%, 100%
XYZ	58.4738, 47.1751, 34.0408
YIQ	184.6890, 61.5720, 18.5000

Conversions

Conversions Part 2

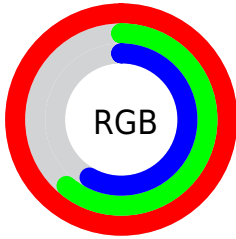
Format	Color
R_{YB}	255, 157, 148
Decimal	16751764
CIE _{Lab}	74.30, 36.02, 19.95
CIE _{LCh}	74, 41.176, 28.983
Yxy	47.1751, 0.4186, 0.3377
Android (android.graphics.Color)	4294941844 (0xFFFF9C94)
YUV	184.6890, -18.0877, 61.6627
Hunter-Lab	68.6841, 31.7676, 18.6940

Details

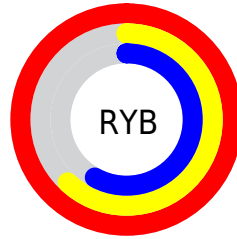
The XYZ color **58.4738, 47.1751, 34.0408** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.5219, 80.0339, 106.7078**, and the grayscale version is **46.0159, 48.4123, 52.7210**.

A 20% lighter version of the original color is **75.4442, 72.6112, 65.9161**, and **29.5136, 22.1657, 14.0321** is the 20% darker color. If you saturate the color by 10%, you get **53.0916, 39.2929, 23.3617**, and if you desaturate by 10%, it is **65.0718, 56.7774, 47.3194**.

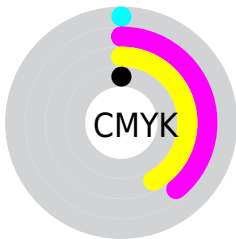
Distribution



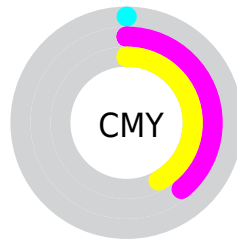
- Red (100%)
- Green (61%)
- Blue (58%)



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



- Cyan (0%)
- Magenta (39%)
- Yellow (42%)
- Black (0%)





- Cyan (0%)
- Magenta (39%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.4738, 47.1751, 34.0408 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 58.4738, 47.1751, 34.0408 by changing the saturation by 10% instead.


 58.4738, 47.1751,
34.0408

 58.4738, 47.1751,
34.0408


408.8746,
375.5130, 335.0886

 42.4344, 33.1741,
22.6473


 101.7315, 85.9749,
67.1317

 29.6342, 22.2599,
14.1305


 129.6805,
111.5426, 89.6663

 19.7078, 14.0480,
8.0717


162.3302,
141.7345, 116.7516

 12.2898, 8.1540,
4.0524

200.0457,
176.9352, 148.8062

 7.0150, 4.1937,
1.6541

243.1926,
217.5290, 186.2487

 3.5179, 1.7825,
0.3290

292.1361,

 1.4332, 0.4762,

263.9003, 229.4976

0.0000

347.2417,
316.4335, 278.9714

■ 0.2797, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.4738, 47.1751,
34.0408

■ 58.4738, 47.1751,
34.0408

■ 53.0916, 39.2929,
23.3617

■ 65.0718, 56.7774,
47.3194

■ 48.8475, 33.0226,
15.1090

■ 72.9500, 68.1858,
63.3499

■ 45.6602, 28.2548,
9.0931

■ 82.1724, 81.4887,
82.2759

■ 43.4362, 24.8634,
5.0947

■ 92.7978, 96.7668,
104.2304

■ 42.0653, 22.7015, 95.0500, 100.0000,
2.8502 108.9000

■ 41.4742, 21.7284,
2.0081

Harmonies

Analogous

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



60.6242, 47.1751, 52.0922



58.4738, 47.1751, 34.0408



52.5780, 47.1751, 23.7572

Triad

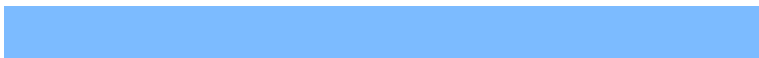
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58.4738, 47.1751, 34.0408



33.7154, 47.1751, 33.0976



44.5865, 47.1751, 103.8372

Complementary

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



58.4738, 47.1751, 34.0408



63.5219, 80.0339, 106.7078

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.



37.8984, 47.1751, 94.8065



58.4738, 47.1751, 34.0408



32.0626, 47.1751, 50.6459

Square

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



58.4738, 47.1751, 34.0408



38.2907, 47.1751, 23.3274



33.5070, 47.1751, 73.7517



52.0932, 47.1751, 95.8988

Rectangle

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



58.4738, 47.1751, 34.0408



47.6131, 47.1751, 20.8489



33.5070, 47.1751, 73.7517



42.1738, 47.1751, 102.6513

Sweetspot

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



58.4750, 47.1774, 34.0417



81.1492, 80.0149, 80.1693



68.7527, 49.2092, 94.5732



16.9150, 16.4719, 16.2254



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.



58.4750, 47.1774, 34.0417



54.0548, 40.7080, 25.2584



69.2961, 68.8196, 37.6487



18.1185, 18.2052, 18.7033



21.7100, 11.4313, 1.0622



2.1499, 1.1852, 0.1154

Inverse Universe

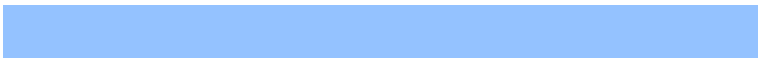
The Inverse Universe completely reimagines the original color for something new.



63.5219, 80.0339, 106.7078



59.6689, 77.3542, 106.3937



49.6366, 52.2633, 102.0793



18.4317, 20.2350, 23.1842



25.1419, 35.1933, 54.9025



2.4813, 3.4932, 5.3568

Previews

White Background



This preview shows how the XYZ color 58.4738, 47.1751, 34.0408 looks on a white background.

Color Contrast Check

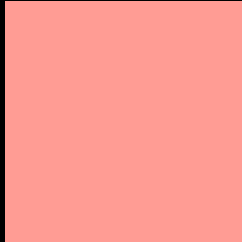
Large Text (above 18pt) WCAG AA × Fail

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 58.4738, 47.1751, 34.0408 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 58.4738, 47.1751, 34.0408

Background



This preview shows how black text looks on a background with the XYZ color 58.4738, 47.1751, 34.0408.



This preview shows how white text looks on a background with the XYZ color 58.4738, 47.1751,

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

58.4738, 47.1751, 34.0408

Protanopia

45.1047, 47.6466, 40.5377

Deuteranopia

48.2909, 47.3604, 32.9818



Tritanopia

59.5871, 47.0878, 41.5456

Trichromacy



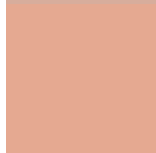
Original Color

58.4738, 47.1751, 34.0408



Protanomaly

48.9687, 46.7345, 37.8922



Deuteranomaly

51.6119, 47.0783, 33.1548



Tritanomaly

59.2194, 47.2059, 38.7913

Monochromacy



Original Color

58.4738, 47.1751, 34.0408



Achromatopsia

46.1135, 48.5150, 52.8328



Achromatomaly

49.1608, 46.9523, 45.5014

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4738, 47.1751, 34.0408 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, 156, 148)` looks like.

```
.text, #text, p{  
    color:rgb(255, 156, 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, 156, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 156, 148) }
```

Border

The CSS property to change the border of an element to XYZ 58.4738, 47.1751, 34.0408 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, 156, 148) }
```


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

```
.border{ border-color:rgb(255, 156, 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, 156, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 156, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 156, 148);  
box-shadow:4px 4px 4px 4px rgb(255, 156,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4738, 47.1751, 34.0408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 156, 148) }
```

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

```
.background{ background-color: rgb(255,  
156, 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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