

Converting Colors

XYZ(58.9317, 50.4589, 40.1466)

Have a look what the booklet for
XYZ(58.9317, 50.4589, 40.1466)
contains.

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Color

**XYZ(58.7934, 50.3526,
40.3385)**

Conversions

Conversions Part 1

Format	Color
Hex	F7A8A1
RGB	247, 168, 161
RGB Percent	97%, 66%, 63%
CMY	0.0314, 0.3412, 0.3686
CMYK	0.00, 0.32, 0.35, 0.03
HSL	5°, 84%, 80%
HSV	5°, 35%, 97%
XYZ	58.7934, 50.3526, 40.3385
YIQ	190.8230, 49.3310, 14.5710

Conversions

Conversions Part 2

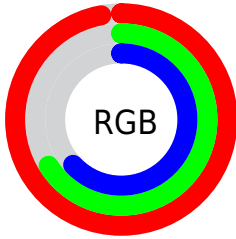
Format	Color
R _Y B	247, 169, 161
Decimal	16230561
CIE Lab	76.29, 28.24, 15.47
CIE LCh	76, 32.202, 28.712
Yxy	50.3526, 0.3933, 0.3368
Android (android.graphics.Color)	4294420641 (0xFFFF7A8A1)
YUV	190.8230, -14.7027, 49.2672
Hunter-Lab	70.9596, 23.7166, 15.9670

Details

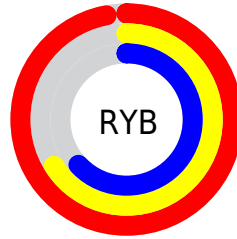
The XYZ color **58.7934, 50.3526, 40.3385** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.6453, 76.6098, 99.4811**, and the grayscale version is **49.4823, 52.0593, 56.6925**.

A 20% lighter version of the original color is **80.2903, 79.5292, 76.0847**, and **29.8773, 24.1844, 17.5613** is the 20% darker color. If you saturate the color by 10%, you get **52.9973, 41.9085, 28.7009**, and if you desaturate by 10%, it is **65.7532, 60.4351, 54.4876**.

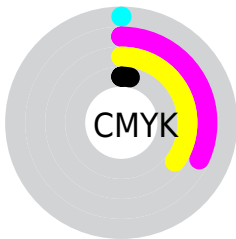
Distribution



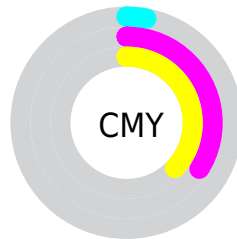
- Red (97%)
- Green (66%)
- Blue (63%)



- Red (97%)
- Yellow (66%)
- Blue (63%)



- Cyan (0%)
- Magenta (32%)
- Yellow (35%)
- Black (3%)





- Cyan (3%)
- Magenta (34%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.7934, 50.3526, 40.3385 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 58.7934, 50.3526, 40.3385 by changing the saturation by 10% instead.


 58.7934, 50.3526,
40.3385


 58.7934, 50.3526,
40.3385


410.0422,
388.0432, 363.1427

 42.6926, 35.6936,
27.4868


 102.1937, 90.6971,
76.9214

 29.8374, 24.1977,
17.7035


 130.2238,
117.1514, 101.4897

 19.8627, 15.4803,
10.5701


162.9611,
148.3063, 130.8005

 12.4030, 9.1572,
5.6680

200.7709,
184.5462, 165.2725

 7.0929, 4.8438,
2.5788

244.0186,
226.2554, 205.3242

 3.5671, 2.1559,
0.8815

293.0694,

 1.4603, 0.6958,

273.8184, 251.3741

0.0000

348.2889,
327.6195, 303.8407

■ 0.2986, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.7934, 50.3526,
40.3385

■ 58.7934, 50.3526,
40.3385

■ 52.9973, 41.9085,
28.7009

■ 65.7532, 60.4351,
54.4876

■ 48.2974, 35.0095,
19.4251

■ 73.9313, 72.2285,
71.2801

■ 44.6257, 29.5639,
12.3501

■ 83.3836, 85.8097,
90.8422

■ 41.9045, 25.4676,
7.2936

■ 92.1678, 98.5142,
108.7651

■ 40.0453, 22.6022,
4.0439

■ 38.9424, 20.8292,
2.3420

■ 38.6100, 20.2787,
1.8792

Harmonies

Analogous

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



60.4444, 50.3526, 55.5772



58.7934, 50.3526, 40.3385



54.1523, 50.3526, 31.0154

Triad

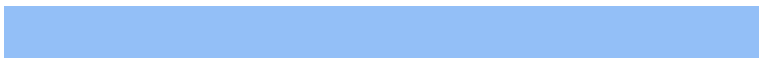
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58.7934, 50.3526, 40.3385



38.5974, 50.3526, 39.2913



47.5978, 50.3526, 95.2917

Complementary

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



58.7934, 50.3526, 40.3385



62.6453, 76.6098, 99.4811

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.



42.0726, 50.3526, 88.4749



58.7934, 50.3526, 40.3385



37.1537, 50.3526, 54.0804

Square

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



58.7934, 50.3526, 40.3385



42.4893, 50.3526, 30.5063



38.3714, 50.3526, 72.4219



53.6623, 50.3526, 89.5085

Rectangle

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



58.7934, 50.3526, 40.3385



50.1700, 50.3526, 28.2322



38.3714, 50.3526, 72.4219



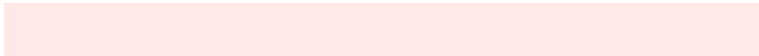
45.6194, 50.3526, 94.3760

Sweetspot

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



58.7947, 50.3550, 40.3395



84.1905, 84.4205, 86.3528



67.0199, 51.6312, 89.8616



17.7179, 17.6349, 17.8577



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.



58.7947, 50.3550, 40.3395



58.5708, 47.3818, 34.0341



67.7719, 68.3093, 43.3319



16.6076, 16.6993, 17.1455



20.4593, 10.8042, 1.0071



1.8348, 1.0229, 0.1007

Inverse Universe

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



62.6453, 76.6098, 99.4811



63.2845, 79.5862, 106.6340



51.7420, 54.8031, 95.8467



16.8745, 18.5132, 21.2266



23.4394, 32.6725, 51.6091



2.0936, 2.9386, 4.5471

Previews

White Background



This preview shows how the XYZ color 58.7934, 50.3526, 40.3385 looks on a white background.

Color Contrast Check

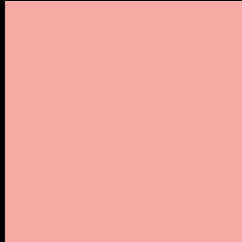
Large Text (above 18pt) WCAG AA × Fail

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 58.7934, 50.3526, 40.3385 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 58.7934, 50.3526, 40.3385

Background



This preview shows how black text looks on a background with the XYZ color 58.7934, 50.3526, 40.3385.

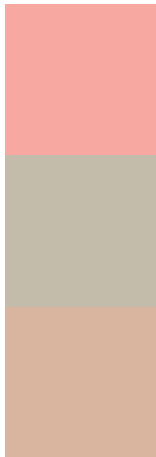


This preview shows how white text looks on a background with the XYZ color 58.7934, 50.3526,

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

58.7934, 50.3526, 40.3385

Protanopia

48.0989, 50.6425, 45.7680

Deuteranopia

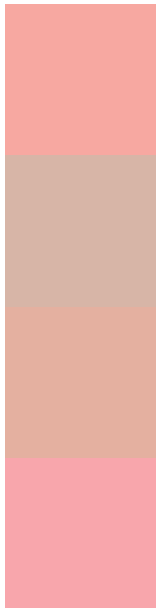
51.3972, 50.3027, 39.8014



Tritanopia

60.5579, 50.2644, 48.6297

Trichromacy



Original Color

58.7934, 50.3526, 40.3385

Protanomaly

51.5233, 50.2848, 43.5496

Deuteranomaly

53.8654, 50.0827, 40.0856

Tritanomaly

59.7940, 50.2075, 45.5692

Monochromacy



Original Color

58.7934, 50.3526, 40.3385

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

52.0357, 51.0111, 50.2836

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7934, 50.3526, 40.3385 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(247, 168, 161)` looks like.

```
.text, #text, p{  
    color:rgb(247, 168, 161)  
}
```

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(247, 168, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 168, 161) }
```

Border

The CSS property to change the border of an element to XYZ 58.7934, 50.3526, 40.3385 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(247, 168, 161) }
```


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

```
.border{ border-color:rgb(247, 168, 161) }
```

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

Here you see how a box with a 4 pixel rgb(247, 168, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 168, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 168, 161);  
box-shadow:4px 4px 4px 4px rgb(247, 168,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7934, 50.3526, 40.3385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 168, 161) }
```

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

```
.background{ background-color: rgb(247,  
168, 161) }
```

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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