

Converting Colors

XYZ(58.1940, 47.3125, 44.0953)

Have a look what the booklet for
XYZ(58.1940, 47.3125, 44.0953)
contains.

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Color

**XYZ(58.1940, 47.3125,
44.0953)**

Conversions

Conversions Part 1

Format	Color
Hex	F89EAA
RGB	248, 158, 170
RGB Percent	97%, 62%, 67%
CMY	0.0275, 0.3804, 0.3333
CMYK	0.00, 0.36, 0.31, 0.03
HSL	352°, 87%, 80%
HSV	352°, 36%, 97%
XYZ	58.1940, 47.3125, 44.0953
YIQ	186.2780, 49.7880, 22.8120

Conversions

Conversions Part 2

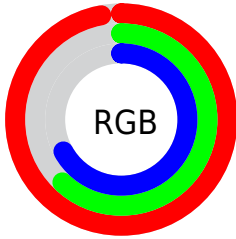
Format	Color
R _Y B	248, 158, 170
Decimal	16293546
CIE _{Lab}	74.39, 34.96, 7.87
CIE _{LCh}	74, 35.837, 12.691
Y _{xy}	47.3125, 0.3890, 0.3163
Android (android.graphics.Color)	4294483626 (0xFFFF89EAA)
Y _{UV}	186.2780, -8.0251, 54.1302
Hunter-Lab	68.7841, 30.6458, 10.1399

Details

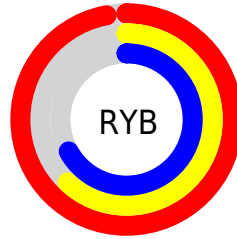
The XYZ color **58.1940, 47.3125, 44.0953** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.8105, 80.4612, 91.5813**, and the grayscale version is **46.8532, 49.2932, 53.6803**.

A 20% lighter version of the original color is **78.8772, 74.7894, 81.5127**, and **29.5568, 22.3583, 19.8973** is the 20% darker color. If you saturate the color by 10%, you get **52.5128, 38.9424, 32.9766**, and if you desaturate by 10%, it is **65.0637, 57.5272, 57.2514**.

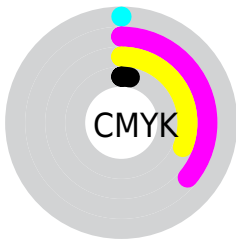
Distribution



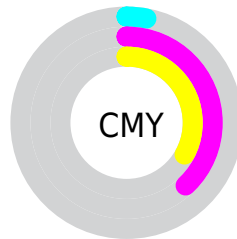
- Red (97%)
- Green (62%)
- Blue (67%)



- Red (97%)
- Yellow (62%)
- Blue (67%)



- Cyan (0%)
- Magenta (36%)
- Yellow (31%)
- Black (3%)





- Cyan (3%)
- Magenta (38%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.1940, 47.3125, 44.0953 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 58.1940, 47.3125, 44.0953 by changing the saturation by 10% instead.


 58.1940, 47.3125,
44.0953


 58.1940, 47.3125,
44.0953


407.8507,
376.0605, 379.1498

 42.2085, 33.2828,
30.4077


 101.3267, 86.1799,
82.6651

 29.4564, 22.3432,
19.8936


 129.2045,
111.7864, 108.3844

 19.5724, 14.1093,
12.1344


161.7772,
142.0205, 138.9514

 12.1910, 8.1967,
6.7116

199.4101,
177.2667, 174.7845

 6.9470, 4.2211,
3.2067

242.4685,
217.9095, 216.3024

 3.4750, 1.7980,
1.2011

291.3179,

 1.4097, 0.4859,

264.3331, 263.9235

0.0000

346.3235,
316.9220, 318.0665

■ 0.2631, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.1940, 47.3125,
44.0953

■ 58.1940, 47.3125,
44.0953

■ 52.5128, 38.9424,
32.9766

■ 65.0637, 57.5272,
57.2514

■ 47.9486, 32.3002,
23.7901

■ 73.1806, 69.6803,
72.5370

■ 44.4278, 27.2668,
16.4259

■ 82.6038, 83.8674,
90.0421

■ 41.8666, 23.7050,
10.7611

■ 92.5215, 98.6965,
108.7817

■ 40.1678, 21.4546,
6.6578

■ 39.2122, 20.3167,
3.9557

■ 38.9868, 20.0666,
3.2612

Harmonies

Analogous

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



57.8872, 47.3125, 62.8289



58.1940, 47.3125, 44.0953



54.7207, 47.3125, 30.9801

Triad

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



58.1940, 47.3125, 44.0953



37.0689, 47.3125, 29.5598



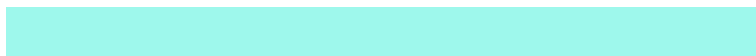
41.3772, 47.3125, 93.4392

Complementary

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



58.1940, 47.3125, 44.0953



62.8105, 80.4612, 91.5813

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.



36.4509, 47.3125, 79.5650



58.1940, 47.3125, 44.0953



34.1318, 47.3125, 41.6485

Square

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



58.1940, 47.3125, 44.0953



42.2976, 47.3125, 24.0409



33.9169, 47.3125, 59.7242



47.7508, 47.3125, 94.5458

Rectangle

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



58.1940, 47.3125, 44.0953



50.9059, 47.3125, 25.9500



33.9169, 47.3125, 59.7242



39.5128, 47.3125, 89.9852

Sweetspot

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



58.1953, 47.3148, 44.0962



83.0753, 81.9228, 86.8050



63.7637, 49.0663, 94.9172



17.4915, 17.0983, 18.0408



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.



58.1953, 47.3148, 44.0962



57.1829, 43.3051, 37.5818



63.5153, 59.6888, 40.5242



17.3388, 17.2629, 18.3737



21.0890, 10.8513, 1.9112



1.9815, 1.0163, 0.3260

Inverse Universe

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



58.1953, 47.3148, 44.0962



57.1829, 43.3051, 37.5818



55.3463, 62.6493, 97.9826



17.3388, 17.2629, 18.3737



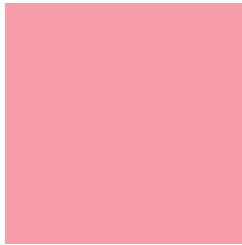
21.0890, 10.8513, 1.9112



1.9815, 1.0163, 0.3260

Previews

White Background



This preview shows how the XYZ color 58.1940, 47.3125, 44.0953 looks on a white background.

Color Contrast Check

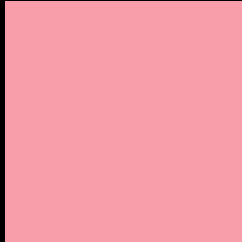
Large Text (above 18pt) WCAG AA × Fail

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 58.1940, 47.3125, 44.0953 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 58.1940, 47.3125, 44.0953

Background



This preview shows how black text looks on a background with the XYZ color 58.1940, 47.3125, 44.0953.



This preview shows how white text looks on a background with the XYZ color 58.1940, 47.3125,

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

58.1940, 47.3125, 44.0953

Protanopia

45.6294, 47.3557, 52.0830

Deuteranopia

48.4293, 47.4997, 43.1751



Tritanopia

58.1940, 47.3125, 44.0953

Trichromacy



Original Color

58.1940, 47.3125, 44.0953



Protanomaly

49.3747, 46.6971, 49.0589



Deuteranomaly

51.5668, 47.1062, 43.4203



Tritanomaly

58.1940, 47.3125, 44.0953

Monochromacy



Original Color

58.1940, 47.3125, 44.0953



Achromatopsia

46.6715, 49.1021, 53.4722



Achromatomaly

50.0580, 47.9013, 49.7875

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.1940, 47.3125, 44.0953 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(248, 158, 170)` looks like.

```
.text, #text, p{  
    color:rgb(248, 158, 170)  
}
```

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(248, 158, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 158, 170) }
```

Border

The CSS property to change the border of an element to XYZ 58.1940, 47.3125, 44.0953 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(248, 158, 170) }
```


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

```
.border{ border-color:rgb(248, 158, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 158, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 158, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 158, 170);  
box-shadow:4px 4px 4px 4px rgb(248, 158,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1940, 47.3125, 44.0953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 158, 170) }
```

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

```
.background{ background-color: rgb(248,  
158, 170) }
```

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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