

Converting Colors

XYZ(52.6613, 41.3953, 31.3366)

Have a look what the booklet for
XYZ(52.6613, 41.3953, 31.3366)
contains.

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Color

**XYZ(52.5874, 41.3422,
31.1948)**

Conversions

Conversions Part 1

Format	Color
Hex	F5908F
RGB	245, 144, 143
RGB Percent	96%, 56%, 56%
CMY	0.0392, 0.4353, 0.4392
CMYK	0.00, 0.41, 0.42, 0.04
HSL	1°, 84%, 76%
HSV	1°, 42%, 96%
XYZ	52.5874, 41.3422, 31.1948
YIQ	174.0850, 60.5170, 21.1010

Conversions

Conversions Part 2

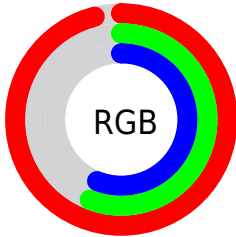
Format	Color
R_{YB}	245, 144, 143
Decimal	16093327
CIE _{Lab}	70.42, 37.99, 17.14
CIE _{LCh}	70, 41.683, 24.286
Yxy	41.3422, 0.4203, 0.3304
Android (android.graphics.Color)	4294283407 (0xFFFF5908F)
YUV	174.0850, -15.3249, 62.1925
Hunter-Lab	64.2979, 33.4687, 16.2434

Details

The XYZ color **52.5874, 41.3422, 31.1948** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **60.1582, 77.1301, 98.1030**, and the grayscale version is **40.3314, 42.4317, 46.2082**.

A 20% lighter version of the original color is **71.7415, 66.1381, 61.8081**, and **26.0526, 18.8837, 12.6277** is the 20% darker color. If you saturate the color by 10%, you get **47.6423, 34.1049, 21.3680**, and if you desaturate by 10%, it is **58.7293, 50.3244, 43.4208**.

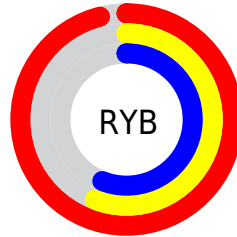
Distribution



Red (96%)

Green (56%)

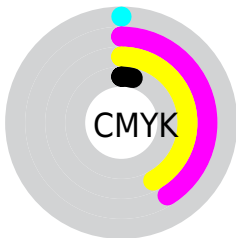
Blue (56%)



Red (96%)

Yellow (56%)

Blue (56%)

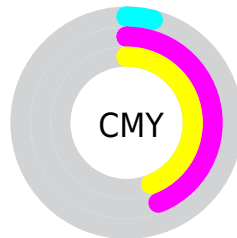


Cyan (0%)

Magenta (41%)

Yellow (42%)

Black (4%)



Cyan (4%)


Magenta (44%)


Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.5874, 41.3422, 31.1948 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 52.5874, 41.3422, 31.1948 by changing the saturation by 10% instead.


 52.5874, 41.3422,
31.1948

 52.5874, 41.3422,
31.1948


386.9869,
351.7488, 321.8137

 37.6997, 28.5866,
20.4875

 93.1661, 77.2031,
62.6298

 25.9258, 18.7683,
12.5623


 119.5877,
101.0771, 84.1946

 16.9005, 11.5030,
7.0007

150.5846,
129.4261, 110.2157

 10.2585, 6.4062,
3.3841

186.5223,
162.6344, 141.1115

 5.6342, 3.0936,
1.2939

227.7660,
201.0865, 177.3007

 2.6625, 1.1808,
0.0568

274.6811,

 0.9779, 0.0459,

245.1666, 219.2018

0.0000

327.6330,
295.2593, 267.2333

■ 0.0000, 0.0000,
0.0000

■ 52.5874, 41.3422,
31.1948

■ 52.5874, 41.3422,
31.1948

■ 47.6423, 34.1049,
21.3680

■ 58.7293, 50.3244,
43.4208

■ 43.8131, 28.4936,
13.7806

■ 66.1355, 61.1480,
58.1868

■ 41.0140, 24.3844,
8.2571


■ 74.8725, 73.9097,
75.6257

■ 39.1453, 21.6328,
4.5951

■ 85.0008, 88.6980,
95.8604

■ 38.0877, 20.0663,
2.5512

■ 91.4661, 98.1525,
108.7323

 37.6824, 19.4649,
1.7710

Harmonies

Analogous

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



53.9370, 41.3422, 48.8817



52.5874, 41.3422, 31.1948



47.5092, 41.3422, 20.7791

Triad

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



52.5874, 41.3422, 31.1948



29.5270, 41.3422, 26.3661



37.9957, 41.3422, 94.0445

Complementary

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



52.5874, 41.3422, 31.1948



60.1582, 77.1301, 98.1030

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.



32.0859, 41.3422, 83.1869



52.5874, 41.3422, 31.1948



27.5754, 41.3422, 41.3571

Square

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



52.5874, 41.3422, 31.1948



34.1145, 41.3422, 18.6125



28.4548, 41.3422, 62.4106



44.9740, 41.3422, 88.9807

Rectangle

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



52.5874, 41.3422, 31.1948



42.9767, 41.3422, 17.5609



28.4548, 41.3422, 62.4106



35.8289, 41.3422, 92.0579

Sweetspot

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



52.5885, 41.3443, 31.1956



81.5935, 80.3528, 82.0150



63.9602, 45.6503, 91.8264



17.1797, 16.7830, 16.9861



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.



52.5885, 41.3443, 31.1956



52.9218, 38.4420, 24.8807



61.9061, 59.9795, 34.3014



16.5123, 16.5086, 17.1138



20.3061, 10.4977, 0.9560



1.7892, 0.9317, 0.0855

Inverse Universe

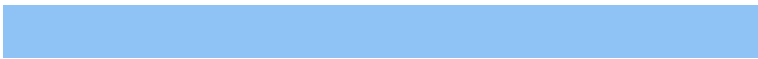
The Inverse Universe completely reimagines the original color for something new.



60.1582, 77.1301, 98.1030



62.2373, 82.4910, 107.2498



47.1012, 51.0161, 93.7507



16.9819, 18.7281, 21.2624



26.0848, 37.9633, 52.4909



2.2970, 3.3455, 4.6149

Previews

White Background



This preview shows how the XYZ color 52.5874, 41.3422, 31.1948 looks on a white background.

Color Contrast Check

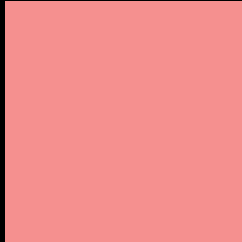
Large Text (above 18pt) WCAG AA × Fail

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 52.5874, 41.3422, 31.1948 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 52.5874, 41.3422, 31.1948

Background



This preview shows how black text looks on a background with the XYZ color 52.5874, 41.3422, 31.1948.



This preview shows how white text looks on a background with the XYZ color 52.5874, 41.3422,

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

52.5874, 41.3422, 31.1948

Protanopia

39.4287, 41.5231, 37.8349

Deuteranopia

42.3838, 41.5540, 30.2130



Tritanopia

53.4288, 41.2387, 35.2809

Trichromacy



Original Color

52.5874, 41.3422, 31.1948

Protanomaly

43.2164, 40.8042, 35.3040

Deuteranomaly

45.5758, 41.0989, 30.3417

Tritanomaly

53.2533, 41.4077, 33.6195

Monochromacy



Original Color

52.5874, 41.3422, 31.1948

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

43.5275, 41.1181, 40.2928

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5874, 41.3422, 31.1948 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(245, 144, 143)` looks like.

```
.text, #text, p{  
    color:rgb(245, 144, 143)  
}
```

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(245, 144, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 144, 143) }
```

Border

The CSS property to change the border of an element to XYZ 52.5874, 41.3422, 31.1948 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(245, 144, 143) }
```


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

```
.border{ border-color:rgb(245, 144, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 144, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 144, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 144, 143);  
box-shadow:4px 4px 4px 4px rgb(245, 144,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5874, 41.3422, 31.1948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 144, 143) }
```

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

```
.background{ background-color: rgb(245,  
144, 143) }
```

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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