

Converting Colors

XYZ(52.6552, 40.3449, 34.1796)

Have a look what the booklet for
XYZ(52.6552, 40.3449, 34.1796)
contains.

XYZ(52.6202, 40.4030, 34.3033)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(52.6202, 40.4030,
34.3033)**

Conversions

Conversions Part 1

Format	Color
Hex	F58C97
RGB	245, 140, 151
RGB Percent	96%, 55%, 59%
CMY	0.0392, 0.4510, 0.4078
CMYK	0.00, 0.43, 0.38, 0.04
HSL	354°, 84%, 75%
HSV	354°, 43%, 96%
XYZ	52.6202, 40.4030, 34.3033
YIQ	172.6490, 59.0490, 25.6810

Conversions

Conversions Part 2

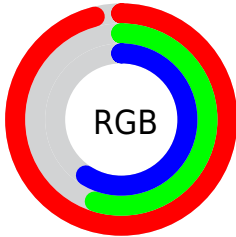
Format	Color
R _Y B	245, 140, 151
Decimal	16092311
CIE Lab	69.76, 40.92, 11.77
CIE LCh	70, 42.580, 16.041
Yxy	40.4030, 0.4133, 0.3173
Android (android.graphics.Color)	4294282391 (0xFFFF58C97)
YUV	172.6490, -10.6730, 63.4518
Hunter-Lab	63.5634, 36.5333, 12.4973

Details

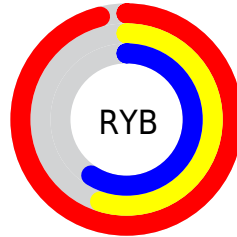
The XYZ color **52.6202, 40.4030, 34.3033** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **58.3209, 76.8217, 89.6005**, and the grayscale version is **39.5744, 41.6354, 45.3409**.

A 20% lighter version of the original color is **71.7746, 64.6980, 66.4626**, and **25.9581, 18.1756, 14.1967** is the 20% darker color. If you saturate the color by 10%, you get **47.8118, 33.3766, 24.7144**, and if you desaturate by 10%, it is **58.5591, 49.1598, 45.9048**.

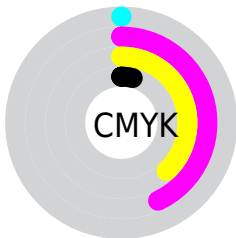
Distribution



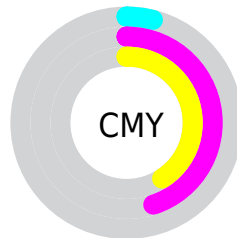
- Red (96%)
- Green (55%)
- Blue (59%)



- Red (96%)
- Yellow (55%)
- Blue (59%)



- Cyan (0%)
- Magenta (43%)
- Yellow (38%)
- Black (4%)





- Cyan (4%)
- Magenta (45%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.6202, 40.4030, 34.3033 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 52.6202, 40.4030, 34.3033 by changing the saturation by 10% instead.


 52.6202, 40.4030,
34.3033


 52.6202, 40.4030,
34.3033


387.1110,
347.8192, 336.2927


 37.7259, 27.8529,
22.8475


 93.2141, 75.7768,
67.5443

 25.9463, 18.2148,
14.2767

 119.6444, 99.3693,
90.1666

 16.9159, 11.1043,
8.1724


 150.6508,
127.4113, 117.3481

 10.2695, 6.1370,
4.1161

186.5986,
160.2874, 149.5073

 5.6416, 2.9286,
1.6893

227.8531,
198.3818, 187.0629

 2.6670, 1.0946,
0.3534

274.7798,

 0.9802, 0.0000,

242.0790, 230.4332

0.0000

327.7440,
291.7633, 280.0370

■ 0.0000, 0.0000,
0.0000

■ 52.6202, 40.4030,
34.3033

■ 52.6202, 40.4030,
34.3033

■ 47.8118, 33.3766,
24.7144

■ 58.5591, 49.1598,
45.9048

■ 44.0587, 27.9601,
17.0210

■ 65.6909, 59.7448,
59.6224

■ 41.2817, 24.0274,
11.0975


■ 74.0771, 72.2559,
75.5549

■ 39.3890, 21.4307,
6.8017

■ 83.7742, 86.7821,
93.7946

■ 38.2706, 19.9917,
3.9697

■ 91.4662, 98.1525,
108.7323

 37.8388, 19.4855,
2.7239

Harmonies

Analogous

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



52.7743, 40.4030, 53.8120



52.6202, 40.4030, 34.3033



48.3700, 40.4030, 21.9128

Triad

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



52.6202, 40.4030, 34.3033



29.6192, 40.4030, 22.5321



35.2886, 40.4030, 92.1455

Complementary

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



52.6202, 40.4030, 34.3033



58.3209, 76.8217, 89.6005

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.



29.9068, 40.4030, 77.4143



52.6202, 40.4030, 34.3033



26.9089, 40.4030, 35.4458

Square

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



52.6202, 40.4030, 34.3033



34.8502, 40.4030, 16.6418



27.0075, 40.4030, 55.3522



42.1869, 40.4030, 91.5616

Rectangle

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



52.6202, 40.4030, 34.3033



44.0470, 40.4030, 17.5985



27.0075, 40.4030, 55.3522



33.2609, 40.4030, 88.6665

Sweetspot

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



52.6213, 40.4050, 34.3041



80.9559, 78.8767, 82.4220



59.3835, 42.6324, 91.4853



16.8682, 16.1960, 16.7718



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.



52.6213, 40.4050, 34.3041



53.1960, 37.7660, 28.7468



58.7629, 54.0514, 32.1494



16.5696, 16.5107, 17.4803



20.4080, 10.5066, 1.5907



1.8166, 0.9326, 0.2606

Inverse Universe

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



52.6213, 40.4050, 34.3041



53.1960, 37.7660, 28.7468



49.0700, 55.7130, 94.5537



16.5696, 16.5107, 17.4803



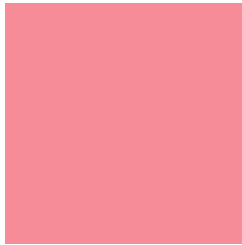
20.4080, 10.5066, 1.5907



1.8166, 0.9326, 0.2606

Previews

White Background



This preview shows how the XYZ color 52.6202, 40.4030, 34.3033 looks on a white background.

Color Contrast Check

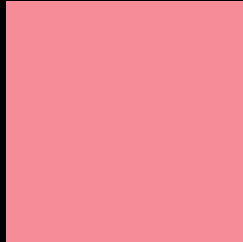
Large Text (above 18pt) WCAG AA × Fail

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 52.6202, 40.4030, 34.3033 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 52.6202, 40.4030, 34.3033

Background



This preview shows how black text looks on a background with the XYZ color 52.6202, 40.4030, 34.3033.



This preview shows how white text looks on a background with the XYZ color 52.6202, 40.4030,

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

52.6202, 40.4030, 34.3033

Protanopia

39.0290, 40.6534, 42.3491

Deuteranopia

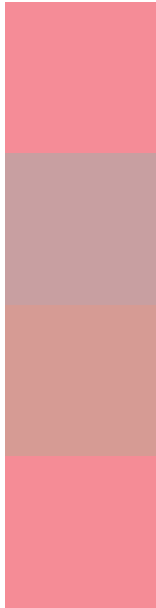
41.3069, 40.3933, 33.2233



Tritanopia

52.5393, 40.3707, 33.8774

Trichromacy



Original Color

52.6202, 40.4030, 34.3033

Protanomaly

42.6506, 39.6488, 39.1233

Deuteranomaly

44.7982, 39.8769, 33.3529

Tritanomaly

52.5393, 40.3707, 33.8774

Monochromacy



Original Color

52.6202, 40.4030, 34.3033

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

43.0896, 40.3485, 41.1143

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6202, 40.4030, 34.3033 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, 140, 151)` looks like.

```
.text, #text, p{  
    color:rgb(245, 140, 151)  
}
```

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, 140, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 140, 151) }
```

Border

The CSS property to change the border of an element to XYZ 52.6202, 40.4030, 34.3033 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, 140, 151) }
```


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

```
.border{ border-color:rgb(245, 140, 151) }
```

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

Here you see how a box with a 4 pixel rgb(245, 140, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 140, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 140, 151);  
box-shadow:4px 4px 4px 4px rgb(245, 140,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6202, 40.4030, 34.3033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 140, 151) }
```

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

```
.background{ background-color: rgb(245,  
140, 151) }
```

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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