

Converting Colors

XYZ(52.3491, 40.0005, 24.8973)

Have a look what the booklet for
XYZ(52.3491, 40.0005, 24.8973)
contains.

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Color

**XYZ(52.3436, 40.0333,
25.0471)**

Conversions

Conversions Part 1

Format	Color
Hex	FA8A7F
RGB	250, 138, 127
RGB Percent	98%, 54%, 50%
CMY	0.0196, 0.4588, 0.5020
CMYK	0.00, 0.45, 0.49, 0.02
HSL	5°, 92%, 74%
HSV	5°, 49%, 98%
XYZ	52.3436, 40.0333, 25.0471
YIQ	170.2340, 70.2830, 20.3230

Conversions

Conversions Part 2

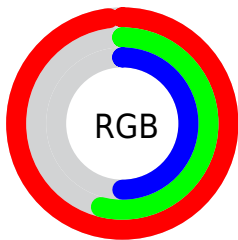
Format	Color
RYB	250, 139, 127
Decimal	16419455
CIELab	69.49, 41.33, 24.86
CIELCh	69, 48.231, 31.023
Yxy	40.0333, 0.4458, 0.3409
Android (android.graphics.Color)	4294609535 (0xFFFA8A7F)
YUV	170.2340, -21.3144, 69.9548
Hunter-Lab	63.2719, 36.9438, 20.8195

Details

The XYZ color **52.3436, 40.0333, 25.0471** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **56.8724, 73.1434, 101.5628**, and the grayscale version is **38.4048, 40.4049, 44.0009**.

A 20% lighter version of the original color is **68.5482, 62.6952, 51.6685**, and **25.8589, 17.9942, 9.3180** is the 20% darker color. If you saturate the color by 10%, you get **47.9812, 33.6006, 16.5274**, and if you desaturate by 10%, it is **57.7966, 48.0005, 35.9251**.

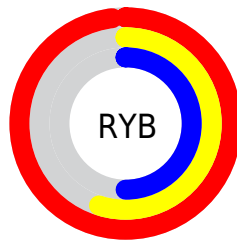
Distribution



Red (98%)

Green (54%)

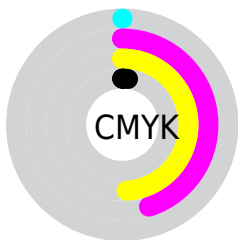
Blue (50%)



Red (98%)

Yellow (55%)

Blue (50%)

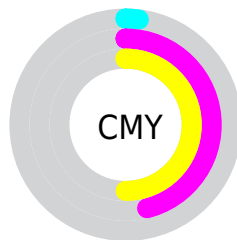


Cyan (0%)

Magenta (45%)

Yellow (49%)

Black (2%)



Cyan (2%)


Magenta (46%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.3436, 40.0333, 25.0471 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 52.3436, 40.0333, 25.0471 by changing the saturation by 10% instead.


 52.3436, 40.0333,
25.0471


 52.3436, 40.0333,
25.0471


386.0639,
346.2639, 291.5276

 37.5044, 27.5645,
15.8928


 92.8090, 75.2142,
52.6987

 25.7737, 17.9976,
9.2948


 119.1659, 98.6951,
72.0331

 16.7862, 10.9483,
4.8345


 150.0928,
126.6156, 95.5979

 10.1766, 6.0321,
2.0935

185.9550,
159.3599, 123.8117

 5.5793, 2.8646,
0.6119

227.1178,
197.3125, 157.0930

 2.6292, 1.0615,
0.0000

273.9467,

 0.9609, 0.0000,

240.8577, 195.8604

0.0000

326.8069,
290.3801, 240.5324

■ 0.0000, 0.0000,
0.0000

■ 52.3436, 40.0333,
25.0471

■ 52.3436, 40.0333,
25.0471

■ 47.9812, 33.6006,
16.5274

■ 57.7966, 48.0005,
35.9251

■ 44.6328, 28.5978,
10.1889

■ 64.4038, 57.5857,
49.3163

■ 42.2167, 24.9171,
5.8334

■ 72.2277, 68.8736,
65.3649

■ 40.6368, 22.4326,
3.2251

■ 81.3251, 81.9414,
84.2038

■ 39.7658, 20.9896,
2.0130

■ 91.7496, 96.8613,
105.9567

■ 39.7182, 20.9120,
1.9430

■ 93.2342, 99.0639,
108.8150

Harmonies

Analogous

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



55.0286, 40.0333, 42.8303



52.3436, 40.0333, 25.0471



45.7572, 40.0333, 15.8501

Triad

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



52.3436, 40.0333, 25.0471



26.4198, 40.0333, 25.9725



38.3177, 40.0333, 101.8934

Complementary

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



52.3436, 40.0333, 25.0471



56.8724, 73.1434, 101.5628

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.



31.2616, 40.0333, 92.7580



52.3436, 40.0333, 25.0471



24.9820, 40.0333, 44.3576

Square

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



52.3436, 40.0333, 25.0471



30.8582, 40.0333, 16.2423



26.6294, 40.0333, 69.5693



46.2815, 40.0333, 91.5003

Rectangle

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



52.3436, 40.0333, 25.0471



40.4298, 40.0333, 13.5134



26.6294, 40.0333, 69.5693



35.7664, 40.0333, 100.9849

Sweetspot

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



52.3446, 40.0354, 25.0478



79.3704, 77.5339, 76.2575



62.7048, 41.7794, 87.0026



16.5702, 15.9941, 15.4575



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.



52.3446, 40.0354, 25.0478



50.2467, 35.2305, 17.3955



63.6211, 62.5883, 28.8067



17.3695, 17.4748, 17.9199



21.1106, 11.1778, 1.0449



1.9962, 1.1173, 0.1105

Inverse Universe

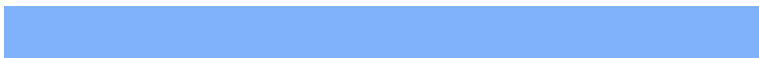
The Inverse Universe completely reimagines the original color for something new.



56.8724, 73.1434, 101.5628



55.4376, 73.4253, 105.8584



41.9781, 43.3548, 96.5980



17.6252, 19.3273, 22.1869



23.8700, 33.0956, 53.1036



2.2485, 3.1407, 4.9309

Previews

White Background



This preview shows how the XYZ color 52.3436, 40.0333, 25.0471 looks on a white background.

Color Contrast Check

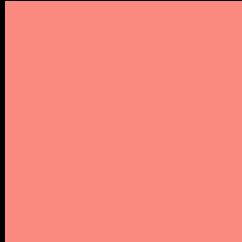
Large Text (above 18pt) WCAG AA × Fail

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 52.3436, 40.0333, 25.0471 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 52.3436, 40.0333, 25.0471

Background



This preview shows how black text looks on a background with the XYZ color 52.3436, 40.0333, 25.0471.



This preview shows how white text looks on a background with the XYZ color 52.3436, 40.0333,

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

52.3436, 40.0333, 25.0471

Protanopia

38.0796, 40.4057, 31.3833

Deuteranopia

41.0295, 40.1810, 24.3321



Tritanopia

53.5585, 39.8815, 31.6631

Trichromacy



Original Color

52.3436, 40.0333, 25.0471



Protanomaly

41.9191, 39.2390, 29.0314



Deuteranomaly

44.4071, 39.6265, 24.3770



Tritanomaly

53.1753, 39.9525, 28.9537

Monochromacy



Original Color

52.3436, 40.0333, 25.0471



Achromatopsia

38.2080, 40.1978, 43.7754



Achromatomaly

41.6128, 38.9289, 35.8927

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3436, 40.0333, 25.0471 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(250, 138, 127)` looks like.

```
.text, #text, p{  
    color:rgb(250, 138, 127)  
}
```

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(250, 138, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 138, 127) }
```

Border

The CSS property to change the border of an element to XYZ 52.3436, 40.0333, 25.0471 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(250, 138, 127) }
```


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

```
.border{ border-color:rgb(250, 138, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 138, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 138, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 138, 127);  
box-shadow:4px 4px 4px 4px rgb(250, 138,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3436, 40.0333, 25.0471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 138, 127) }
```

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

```
.background{ background-color: rgb(250,  
138, 127) }
```

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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