

Converting Colors

XYZ(54.0317, 40.9198, 24.4552)

Have a look what the booklet for
XYZ(54.0317, 40.9198, 24.4552)
contains.

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Color

**XYZ(54.0302, 40.9176,
24.4522)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8A7D
RGB	255, 138, 125
RGB Percent	100%, 54%, 49%
CMY	0.0000, 0.4588, 0.5098
CMYK	0.00, 0.46, 0.51, 0.00
HSL	6°, 100%, 75%
HSV	6°, 51%, 100%
XYZ	54.0302, 40.9176, 24.4522
YIQ	171.5010, 73.9050, 20.7610

Conversions

Conversions Part 2

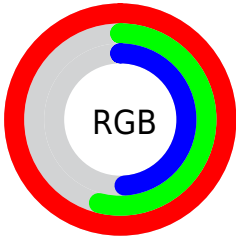
Format	Color
R _Y B	255, 139, 125
Decimal	16747133
CIE Lab	70.12, 42.99, 26.91
CIE LCh	70, 50.722, 32.045
Yxy	40.9176, 0.4525, 0.3427
Android (android.graphics.Color)	4294937213 (0xFFFF8A7D)
YUV	171.5010, -22.9250, 73.2286
Hunter-Lab	63.9669, 38.8296, 22.1124

Details

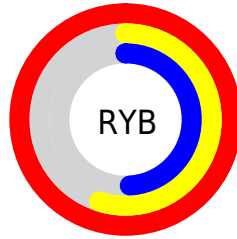
The XYZ color **54.0302, 40.9176, 24.4522** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **58.2578, 75.0805, 106.0291**, and the grayscale version is **39.0477, 41.0812, 44.7374**.

A 20% lighter version of the original color is **68.3458, 62.6143, 50.6030**, and **26.8011, 18.4881, 8.9935** is the 20% darker color. If you saturate the color by 10%, you get **49.6535, 34.4453, 15.9620**, and if you desaturate by 10%, it is **59.5226, 48.9525, 35.3778**.

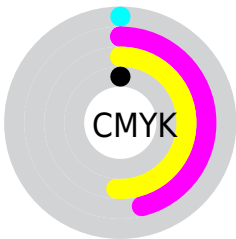
Distribution



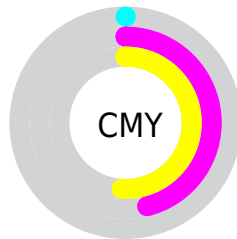
- Red (100%)
- Green (54%)
- Blue (49%)



- Red (100%)
- Yellow (55%)
- Blue (49%)



- Cyan (0%)
- Magenta (46%)
- Yellow (51%)
- Black (0%)





- Cyan (0%)
- Magenta (46%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.0302, 40.9176, 24.4522 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 54.0302, 40.9176, 24.4522 by changing the saturation by 10% instead.


 54.0302, 40.9176,
24.4522

 54.0302, 40.9176,
24.4522


392.4216,
349.9761, 288.4586

 38.8566, 28.2547,
15.4541

 95.2752, 76.5588,
51.7202

 26.8284, 18.5177,
8.9886


 122.0773,
100.3059, 70.8271

 17.5803, 11.3223,
4.6370


 153.4863,
128.5165, 94.1408

 10.7469, 6.2841,
1.9809

189.8675,
161.5750, 122.0797

 5.9630, 3.0186,
0.5435

231.5863,
199.8658, 155.0624

 2.8630, 1.1414,
0.0000

279.0080,

 1.0817, 0.0131,

243.7734, 193.5074

0.0000

332.4980,
293.6820, 237.8333

■ 0.0098, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.0302, 40.9176,
24.4522

■ 54.0302, 40.9176,
24.4522

■ 49.6535, 34.4453,
15.9620

■ 59.5226, 48.9525,
35.3778

■ 46.3127, 29.4277,
9.7179

■ 66.1972, 58.6360,
48.9038

■ 43.9219, 25.7536,
5.5068

■ 74.1190, 70.0554,
65.1834

■ 42.3799, 23.2925,
3.0729

■ 83.3470, 83.2897,
84.3575

■ 41.5986, 21.9773,
2.0496

■ 93.9369, 98.4135,
106.5570

■ 95.0499, 100.0000,
108.9000

Harmonies

Analogous

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



57.0983, 40.9176, 42.9429



54.0302, 40.9176, 24.4522



46.8536, 40.9176, 15.1670

Triad

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



54.0302, 40.9176, 24.4522



26.4398, 40.9176, 26.3930



39.4626, 40.9176, 107.5326

Complementary

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



54.0302, 40.9176, 24.4522



58.2578, 75.0805, 106.0291

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.



31.8858, 40.9176, 98.2776



54.0302, 40.9176, 24.4522



25.0350, 40.9176, 46.2015

Square

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



54.0302, 40.9176, 24.4522



31.0305, 40.9176, 15.9753



26.8821, 40.9176, 73.4345



47.9780, 40.9176, 95.5426

Rectangle

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



54.0302, 40.9176, 24.4522



41.1394, 40.9176, 12.9064



26.8821, 40.9176, 73.4345



36.7260, 40.9176, 106.7960

Sweetspot

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



54.0312, 40.9197, 24.4529



79.4767, 77.7465, 76.2930



64.6007, 42.3383, 88.7717



16.5954, 16.0445, 15.4659



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.



54.0312, 40.9197, 24.4529



49.6459, 34.4338, 15.9473



66.2977, 65.4527, 28.5418



18.1555, 18.2793, 18.7157



21.7839, 11.5791, 1.0869



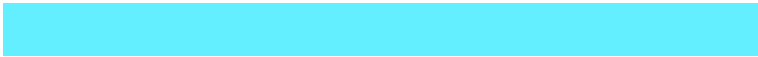
2.1674, 1.2201, 0.1213

Inverse Universe

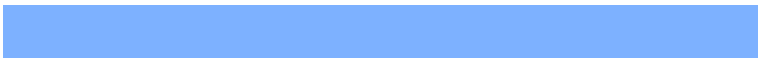
The Inverse Universe completely reimagines the original color for something new.



58.2578, 75.0805, 106.0291



54.2396, 71.8875, 105.6247



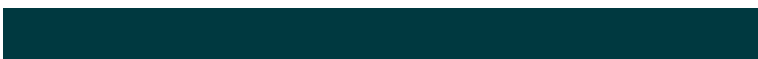
42.2298, 43.0246, 100.6864



18.3904, 20.1524, 23.1705



24.2061, 33.3217, 54.5905



2.3999, 3.3305, 5.3296

Previews

White Background



This preview shows how the XYZ color 54.0302, 40.9176, 24.4522 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 54.0302, 40.9176, 24.4522 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 54.0302, 40.9176, 24.4522

Background



This preview shows how black text looks on a background with the XYZ color 54.0302, 40.9176, 24.4522.



This preview shows how white text looks on a background with the XYZ color 54.0302, 40.9176,

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

54.0302, 40.9176, 24.4522

Protanopia

38.5879, 40.9644, 30.6841

Deuteranopia

41.8425, 40.8861, 23.4558



Tritanopia

55.1550, 40.9127, 31.7780

Trichromacy



Original Color

54.0302, 40.9176, 24.4522

Protanomaly

43.0658, 40.1009, 28.3921

Deuteranomaly

45.6656, 40.5358, 23.8297

Tritanomaly

54.7731, 40.9863, 29.0690

Monochromacy



Original Color

54.0302, 40.9176, 24.4522

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

42.8443, 40.0647, 36.4855

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0302, 40.9176, 24.4522 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(255, 138, 125)` looks like.

```
.text, #text, p{  
    color:rgb(255, 138, 125)  
}
```

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(255, 138, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 138, 125) }
```

Border

The CSS property to change the border of an element to XYZ 54.0302, 40.9176, 24.4522 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(255, 138, 125) }
```


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

```
.border{ border-color:rgb(255, 138, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 138, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 138, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 138, 125);  
box-shadow:4px 4px 4px 4px rgb(255, 138,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0302, 40.9176, 24.4522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 138, 125) }
```

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

```
.background{ background-color: rgb(255,  
138, 125) }
```

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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