

Converting Colors

XYZ(81.5400, 54.9803, 26.9634)

Have a look what the booklet for
XYZ(81.5400, 54.9803, 26.9634)
contains.

XYZ(54.2909, 41.0219, 25.8255)	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(54.2909, 41.0219,
25.8255)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8A81
RGB	255, 138, 129
RGB Percent	100%, 54%, 51%
CMY	0.0000, 0.4588, 0.4941
CMYK	0.00, 0.46, 0.49, 0.00
HSL	4°, 100%, 75%
HSV	4°, 49%, 100%
XYZ	54.2909, 41.0219, 25.8255
YIQ	171.9570, 72.6210, 22.0050

Conversions

Conversions Part 2

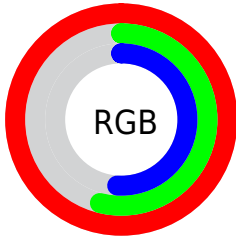
Format	Color
R_{YB}	255, 139, 129
Decimal	16747137
CIE _{Lab}	70.19, 43.34, 24.80
CIE _{LCh}	70, 49.939, 29.781
Yxy	41.0219, 0.4482, 0.3386
Android (android.graphics.Color)	4294937217 (0xFFFF8A81)
YUV	171.9570, -21.1778, 72.8287
Hunter-Lab	64.0483, 39.2218, 20.9270

Details

The XYZ color **54.2909, 41.0219, 25.8255** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **60.0572, 77.7947, 106.4579**, and the grayscale version is **39.2701, 41.3152, 44.9922**.

A 20% lighter version of the original color is **68.7535, 62.7773, 52.7495**, and **26.9446, 18.5455, 9.7489** is the 20% darker color. If you saturate the color by 10%, you get **49.7679, 34.3585, 16.9731**, and if you desaturate by 10%, it is **59.9793, 49.3395, 37.1534**.

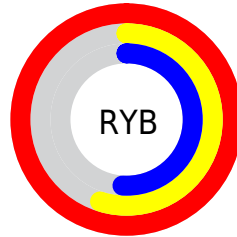
Distribution



Red (100%)

Green (54%)

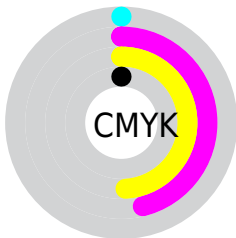
Blue (51%)



Red (100%)

Yellow (55%)

Blue (51%)

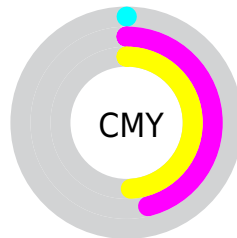


Cyan (0%)

Magenta (46%)

Yellow (49%)

Black (0%)



Cyan (0%)


Magenta (46%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.2909, 41.0219, 25.8255 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 54.2909, 41.0219, 25.8255 by changing the saturation by 10% instead.


 54.2909, 41.0219,
25.8255


 54.2909, 41.0219,
25.8255


393.3986,
350.4121, 295.5026

 39.0659, 28.3362,
16.4685


 95.6556, 76.7171,
53.9739

 26.9919, 18.5792,
9.6984


 122.5260,
100.4955, 73.6025

 17.7037, 11.3666,
5.0965


 154.0090,
128.7401, 97.4920

 10.8359, 6.3140,
2.2442

190.4697,
161.8355, 126.0610

 6.0231, 3.0369,
0.6997

232.2737,
200.1660, 159.7280

 2.8999, 1.1511,
0.0000

279.7863,

 1.1011, 0.0212,

244.1160, 198.9116

0.0000

333.3728,
294.0699, 244.0302

■ 0.0260, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.2909, 41.0219,
25.8255

■ 54.2909, 41.0219,
25.8255

■ 49.7679, 34.3585,
16.9731

■ 59.9793, 49.3395,
37.1534

■ 46.3265, 29.2330,
10.4088

■ 66.9030, 59.4048,
51.1208

■ 43.8767, 25.5238,
5.9224

■ 75.1300, 71.3121,
67.8801

■ 42.3125, 23.0886,
3.2634

■ 84.7225, 85.1469,
87.5718

■ 41.4916, 21.7503,
2.0545

95.0498, 99.9999,
108.9000

■ 41.4599, 21.6999,
2.0033

Harmonies

Analogous

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



56.9215, 41.0219, 44.8384



54.2909, 41.0219, 25.8255



47.4513, 41.0219, 15.9604

Triad

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



54.2909, 41.0219, 25.8255



26.9205, 41.0219, 25.6189



38.9300, 41.0219, 106.5233

Complementary

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



54.2909, 41.0219, 25.8255



60.0572, 77.7947, 106.4579

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.



31.5997, 41.0219, 95.9697



54.2909, 41.0219, 25.8255



25.2857, 41.0219, 44.4938

Square

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



54.2909, 41.0219, 25.8255



31.6904, 41.0219, 15.8738



26.8736, 41.0219, 70.9725



47.3326, 41.0219, 96.2569

Rectangle

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



54.2909, 41.0219, 25.8255



41.8467, 41.0219, 13.3905



26.8736, 41.0219, 70.9725



36.2665, 41.0219, 105.2538

Sweetspot

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



54.2919, 41.0240, 25.8263



79.1899, 77.1727, 76.1973



65.8170, 43.6515, 92.6288



16.5275, 15.9086, 15.4432



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.



54.2919, 41.0240, 25.8263



49.9322, 34.6016, 17.2907



65.9495, 64.3392, 29.7121



18.1136, 18.1954, 18.7017



21.7014, 11.4141, 1.0593



2.1476, 1.1805, 0.1147

Inverse Universe

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



60.0572, 77.7947, 106.4579



56.2478, 75.0456, 106.1284



44.1610, 46.0024, 101.1592



18.4372, 20.2460, 23.1861



25.2684, 35.4464, 54.9446



2.4922, 3.5152, 5.3604

Previews

White Background



This preview shows how the XYZ color 54.2909, 41.0219, 25.8255 looks on a white background.

Color Contrast Check

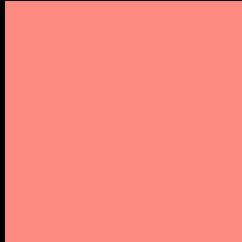
Large Text (above 18pt) WCAG AA × Fail

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 54.2909, 41.0219, 25.8255 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 54.2909, 41.0219, 25.8255

Background



This preview shows how black text looks on a background with the XYZ color 54.2909, 41.0219, 25.8255.



This preview shows how white text looks on a background with the XYZ color 54.2909, 41.0219,

25.8255.

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

54.2909, 41.0219, 25.8255

Protanopia

38.9194, 41.3731, 32.7226

Deuteranopia

41.9951, 41.2029, 24.8084



Tritanopia

55.2325, 40.9436, 32.1860

Trichromacy



Original Color

54.2909, 41.0219, 25.8255

Protanomaly

43.2434, 40.4156, 29.9479

Deuteranomaly

45.9187, 40.6370, 25.1622

Tritanomaly

54.9193, 41.0448, 29.8388

Monochromacy



Original Color

54.2909, 41.0219, 25.8255

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

42.9287, 40.0985, 36.9297

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2909, 41.0219, 25.8255 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, 129)` looks like.

```
.text, #text, p{  
    color:rgb(255, 138, 129)  
}
```

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, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 138, 129) }
```

Border

The CSS property to change the border of an element to XYZ 54.2909, 41.0219, 25.8255 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, 129) }
```


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

```
.border{ border-color:rgb(255, 138, 129) }
```

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, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 138, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 138, 129);  
box-shadow:4px 4px 4px 4px rgb(255, 138,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2909, 41.0219, 25.8255 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, 129) }
```

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

```
.background{ background-color: rgb(255,  
138, 129) }
```

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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