

Converting Colors

XYZ(54.8382, 42.2724, 25.5274)

Have a look what the booklet for
XYZ(54.8382, 42.2724, 25.5274)
contains.

XYZ(54.8093, 42.1645, 25.6719)	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(54.8093, 42.1645,
25.6719)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8E80
RGB	255, 142, 128
RGB Percent	100%, 56%, 50%
CMY	0.0000, 0.4431, 0.4980
CMYK	0.00, 0.44, 0.50, 0.00
HSL	7°, 100%, 75%
HSV	7°, 50%, 100%
XYZ	54.8093, 42.1645, 25.6719
YIQ	174.1910, 71.8420, 19.6020

Conversions

Conversions Part 2

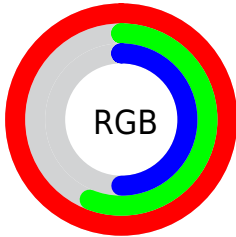
Format	Color
R_{YB}	255, 144, 128
Decimal	16748160
CIE _{Lab}	70.98, 41.24, 26.42
CIE _{LCh}	71, 48.978, 32.641
Yxy	42.1645, 0.4469, 0.3438
Android (android.graphics.Color)	4294938240 (0xFFFF8E80)
YUV	174.1910, -22.7722, 70.8695
Hunter-Lab	64.9342, 37.0325, 22.0135

Details

The XYZ color **54.8093, 42.1645, 25.6719** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **58.4057, 74.7161, 105.9508**, and the grayscale version is **40.4190, 42.5239, 46.3085**.

A 20% lighter version of the original color is **69.5467, 64.5287, 52.5058**, and **27.2318, 19.1786, 9.6637** is the 20% darker color. If you saturate the color by 10%, you get **50.2980, 35.4991, 16.9021**, and if you desaturate by 10%, it is **60.4313, 50.3768, 36.8931**.

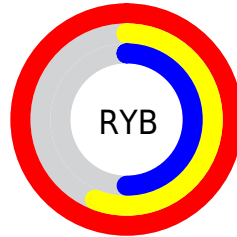
Distribution



Red (100%)

Green (56%)

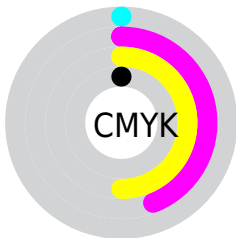
Blue (50%)



Red (100%)

Yellow (56%)

Blue (50%)

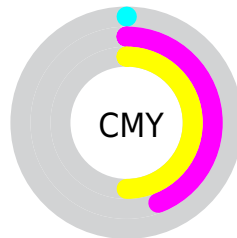


Cyan (0%)

Magenta (44%)

Yellow (50%)

Black (0%)



Cyan (0%)


Magenta (44%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.8093, 42.1645, 25.6719 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 54.8093, 42.1645, 25.6719 by changing the saturation by 10% instead.


 54.8093, 42.1645,
25.6719


 54.8093, 42.1645,
25.6719


395.3368,
355.1644, 294.7218

 39.4823, 29.2301,
16.3548


 96.4114, 78.4485,
53.7227

 27.3175, 19.2550,
9.6185

 123.4173,
102.5670, 73.2935

 17.9497, 11.8547,
5.0445

 155.0468,
131.1822, 97.1193

 11.0133, 6.6448,
2.2142

191.6654,
164.6787, 125.6186

 6.1432, 3.2410,
0.6825

233.6383,
203.4407, 159.2100

 2.9738, 1.2588,
0.0000

281.3309,

 1.1399, 0.1090,

247.8528, 198.3119

0.0000

335.1087,
298.2992, 243.3430

■ 0.0581, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.8093, 42.1645,
25.6719

■ 54.8093, 42.1645,
25.6719

■ 50.2980, 35.4991,
16.9021

■ 60.4313, 50.3768,
36.8931

■ 46.8203, 30.2773,
10.3978

■ 67.2283, 60.2179,
50.7284

■ 44.2936, 26.3935,
5.9502

■ 75.2632, 71.7716,
67.3289

■ 42.6214, 23.7247,
3.3103

■ 84.5935, 85.1142,
86.8339

■ 41.6715, 22.1188, 95.0499, 99.9999,
2.0874 108.9000

■ 41.6581, 22.0963,
2.0694

Harmonies

Analogous

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



57.9012, 42.1645, 43.8686



54.8093, 42.1645, 25.6719



47.7358, 42.1645, 16.4284

Triad

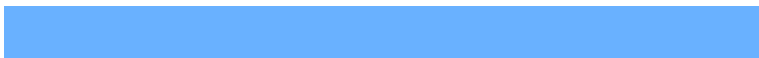
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



54.8093, 42.1645, 25.6719



27.6831, 42.1645, 28.1861



40.8041, 42.1645, 107.0936

Complementary

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



54.8093, 42.1645, 25.6719



58.4057, 74.7161, 105.9508

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.



33.2830, 42.1645, 98.5651



54.8093, 42.1645, 25.6719



26.3455, 42.1645, 48.0137

Square

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



54.8093, 42.1645, 25.6719



32.1878, 42.1645, 17.4953



28.2524, 42.1645, 74.6948



49.1581, 42.1645, 95.1563

Rectangle

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



54.8093, 42.1645, 25.6719



42.1216, 42.1645, 14.1895



28.2524, 42.1645, 74.6948



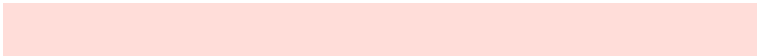
38.0979, 42.1645, 106.5269

Sweetspot

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



54.8103, 42.1667, 25.6727



79.5800, 77.9530, 76.3274



65.0313, 43.1275, 89.1376



16.6199, 16.0935, 15.4740



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.



54.8103, 42.1667, 25.6727



50.2201, 35.3829, 16.7531



66.7768, 66.0995, 29.6615



18.1706, 18.3094, 18.7207



21.8186, 11.6485, 1.0984



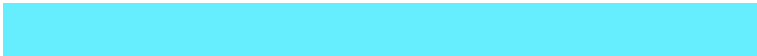
2.1744, 1.2342, 0.1236

Inverse Universe

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



58.4057, 74.7161, 105.9508



54.1408, 71.2675, 105.5102



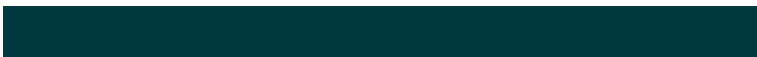
43.0324, 43.9696, 100.8264



18.3737, 20.1190, 23.1649



23.8359, 32.5813, 54.4671



2.3676, 3.2659, 5.3189

Previews

White Background



This preview shows how the XYZ color 54.8093, 42.1645, 25.6719 looks on a white background.

Color Contrast Check

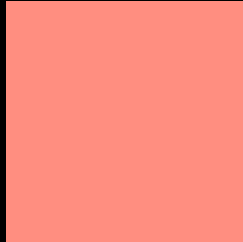
Large Text (above 18pt) WCAG AA × Fail

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 54.8093, 42.1645, 25.6719 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 54.8093, 42.1645, 25.6719

Background



This preview shows how black text looks on a background with the XYZ color 54.8093, 42.1645, 25.6719.



This preview shows how white text looks on a background with the XYZ color 54.8093, 42.1645,

25.6719.

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

54.8093, 42.1645, 25.6719

Protanopia

39.7857, 42.4154, 31.6813

Deuteranopia

43.1889, 42.3581, 24.9684



Tritanopia

56.1231, 42.2182, 34.0451

Trichromacy



Original Color

54.8093, 42.1645, 25.6719

Protanomaly

44.0140, 41.3484, 29.3282

Deuteranomaly

46.6690, 41.7817, 25.0070

Tritanomaly

55.6474, 42.2627, 30.8158

Monochromacy



Original Color

54.8093, 42.1645, 25.6719

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

43.6347, 40.9715, 37.5068

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8093, 42.1645, 25.6719 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, 142, 128)` looks like.

```
.text, #text, p{  
    color:rgb(255, 142, 128)  
}
```

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, 142, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 142, 128) }
```

Border

The CSS property to change the border of an element to XYZ 54.8093, 42.1645, 25.6719 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, 142, 128) }
```


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

```
.border{ border-color:rgb(255, 142, 128) }
```

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

Here you see how a box with a 4 pixel rgb(255, 142, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 142, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 142, 128);  
box-shadow:4px 4px 4px 4px rgb(255, 142,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8093, 42.1645, 25.6719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 142, 128) }
```

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

```
.background{ background-color: rgb(255,  
142, 128) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor