

Converting Colors

XYZ(54.2349, 40.9922, 25.5528)

Have a look what the booklet for
XYZ(54.2349, 40.9922, 25.5528)
contains.

XYZ(54.2248, 40.9955, 25.4770)	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(54.2248, 40.9955,
25.4770)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8A80
RGB	255, 138, 128
RGB Percent	100%, 54%, 50%
CMY	0.0000, 0.4588, 0.4980
CMYK	0.00, 0.46, 0.50, 0.00
HSL	5°, 100%, 75%
HSV	5°, 50%, 100%
XYZ	54.2248, 40.9955, 25.4770
YIQ	171.8430, 72.9420, 21.6940

Conversions

Conversions Part 2

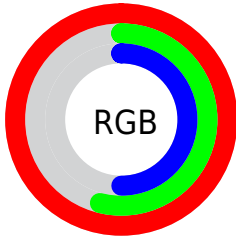
Format	Color
R_{YB}	255, 139, 128
Decimal	16747136
CIE _{Lab}	70.17, 43.26, 25.33
CIE _{LCh}	70, 50.127, 30.354
Yxy	40.9955, 0.4493, 0.3397
Android (android.graphics.Color)	4294937216 (0xFFFF8A80)
YUV	171.8430, -21.6146, 72.9287
Hunter-Lab	64.0277, 39.1223, 21.2276

Details

The XYZ color **54.2248, 40.9955, 25.4770** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **59.6026, 77.1100, 106.3499**, and the grayscale version is **39.2145, 41.2567, 44.9285**.

A 20% lighter version of the original color is **68.6505, 62.7361, 52.2071**, and **26.9079, 18.5308, 9.5557** is the 20% darker color. If you saturate the color by 10%, you get **49.7389, 34.3808, 16.7157**, and if you desaturate by 10%, it is **59.8633, 49.2407, 36.7037**.

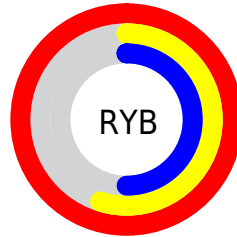
Distribution



Red (100%)

Green (54%)

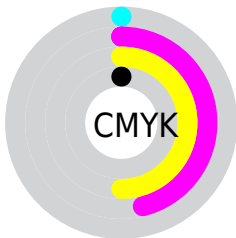
Blue (50%)



Red (100%)

Yellow (55%)

Blue (50%)

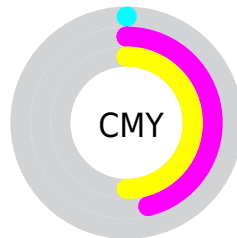


Cyan (0%)

Magenta (46%)

Yellow (50%)

Black (0%)



Cyan (0%)


Magenta (46%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.2248, 40.9955, 25.4770 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 54.2248, 40.9955, 25.4770 by changing the saturation by 10% instead.


 54.2248, 40.9955,
25.4770

 54.2248, 40.9955,
25.4770


393.1510,
350.3018, 293.7285

 39.0128, 28.3156,
16.2105


 95.5592, 76.6771,
53.4037

 26.9505, 18.5637,
9.5173


 122.4123,
100.4475, 72.9010

 17.6724, 11.3554,
4.9787


 153.8765,
128.6835, 96.6457

 10.8133, 6.3064,
2.1763

190.3171,
161.7696, 125.0563

 6.0078, 3.0323,
0.6606

232.0995,
200.0900, 158.5513

 2.8905, 1.1486,
0.0000

279.5891,

 1.0961, 0.0191,

244.0293, 197.5493

0.0000

333.1511,
293.9718, 242.4689

■ 0.0219, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.2248, 40.9955,
25.4770

■ 54.2248, 40.9955,
25.4770

■ 49.7389, 34.3808,
16.7157

■ 59.8633, 49.2407,
36.7037

■ 46.3228, 29.2824,
10.2320

■ 66.7234, 59.2080,
50.5599

■ 43.8877, 25.5817,
5.8148

■ 74.8722, 70.9898,
67.1985

■ 42.3287, 23.1392,
3.2127

■ 84.3713, 84.6699,
86.7597

■ 41.5027, 21.7811,
2.0311

95.0499, 100.0000,
108.9000

■ 41.4917, 21.7635,
2.0139

Harmonies

Analogous

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



56.9649, 40.9955, 44.3582



54.2248, 40.9955, 25.4770



47.3006, 40.9955, 15.7595

Triad

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



54.2248, 40.9955, 25.4770



26.7997, 40.9955, 25.8116



39.0627, 40.9955, 106.7731

Complementary

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



54.2248, 40.9955, 25.4770



59.6026, 77.1100, 106.3499

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.



31.6712, 40.9955, 96.5423



54.2248, 40.9955, 25.4770



25.2229, 40.9955, 44.9172

Square

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



54.2248, 40.9955, 25.4770



31.5242, 40.9955, 15.8995



26.8758, 40.9955, 71.5828



47.4932, 40.9955, 96.0756

Rectangle

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



54.2248, 40.9955, 25.4770



41.6684, 40.9955, 13.2684



26.8758, 40.9955, 71.5828



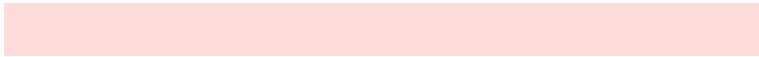
36.3811, 40.9955, 105.6363

Sweetspot

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



54.2258, 40.9976, 25.4778



79.2631, 77.3193, 76.2218



65.6757, 43.3852, 92.5311



16.5448, 15.9433, 15.4490



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.



54.2258, 40.9976, 25.4778



49.6618, 34.2664, 16.5670



65.7829, 64.1117, 29.3301



18.1243, 18.2169, 18.7053



21.7206, 11.4524, 1.0657



2.1527, 1.1907, 0.1164

Inverse Universe

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



59.6026, 77.1100, 106.3499



55.5636, 74.1129, 105.9845



43.8927, 45.6902, 101.1132



18.4252, 20.2220, 23.1821



24.9924, 34.8943, 54.8526



2.4683, 3.4673, 5.3524

Previews

White Background



This preview shows how the XYZ color 54.2248, 40.9955, 25.4770 looks on a white background.

Color Contrast Check

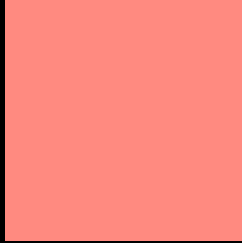
Large Text (above 18pt) WCAG AA × Fail

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 54.2248, 40.9955, 25.4770 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 54.2248, 40.9955, 25.4770

Background



This preview shows how black text looks on a background with the XYZ color 54.2248, 40.9955, 25.4770.



This preview shows how white text looks on a background with the XYZ color 54.2248, 40.9955,

25.4770.

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

54.2248, 40.9955, 25.4770

Protanopia

38.7665, 41.3120, 31.9174

Deuteranopia

41.9321, 41.1777, 24.4769



Tritanopia

55.2325, 40.9436, 32.1860

Trichromacy



Original Color

54.2248, 40.9955, 25.4770

Protanomaly

43.1707, 40.3865, 29.5648

Deuteranomaly

45.8544, 40.6113, 24.8240

Tritanomaly

54.8459, 41.0154, 29.4522

Monochromacy



Original Color

54.2248, 40.9955, 25.4770

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 54.2248, 40.9955, 25.4770 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, 128)` looks like.

```
.text, #text, p{  
    color:rgb(255, 138, 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, 138, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 138, 128) }
```

Border

The CSS property to change the border of an element to XYZ 54.2248, 40.9955, 25.4770 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, 128) }
```


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

```
.border{ border-color:rgb(255, 138, 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, 138, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 138, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 138, 128);  
box-shadow:4px 4px 4px 4px rgb(255, 138,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2248, 40.9955, 25.4770 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, 128) }
```

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

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