

Converting Colors

XYZ(82.0286, 55.8053, 26.5562)

Have a look what the booklet for
XYZ(82.0286, 55.8053, 26.5562)
contains.

XYZ(54.4488, 41.5485, 25.2286)	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(54.4488, 41.5485,
25.2286)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8C7F
RGB	255, 140, 127
RGB Percent	100%, 55%, 50%
CMY	0.0000, 0.4510, 0.5020
CMYK	0.00, 0.45, 0.50, 0.00
HSL	6°, 100%, 75%
HSV	6°, 50%, 100%
XYZ	54.4488, 41.5485, 25.2286
YIQ	172.9030, 72.7130, 20.3370

Conversions

Conversions Part 2

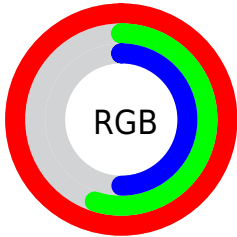
Format	Color
R _Y B	255, 141, 127
Decimal	16747647
CIE Lab	70.56, 42.16, 26.40
CIE LCh	71, 49.745, 32.051
Yxy	41.5485, 0.4492, 0.3427
Android (android.graphics.Color)	4294937727 (0xFFFF8C7F)
YUV	172.9030, -22.6302, 71.9991
Hunter-Lab	64.4581, 37.9801, 21.9149

Details

The XYZ color **54.4488, 41.5485, 25.2286** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **58.5525, 75.2321, 106.0424**, and the grayscale version is **39.7580, 41.8285, 45.5512**.

A 20% lighter version of the original color is **68.9933, 63.5855, 51.8169**, and **27.0315, 18.8358, 9.4187** is the 20% darker color. If you saturate the color by 10%, you get **49.9862, 34.9550, 16.5535**, and if you desaturate by 10%, it is **60.0308, 49.7081, 36.3521**.

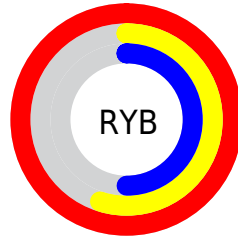
Distribution



Red (100%)

Green (55%)

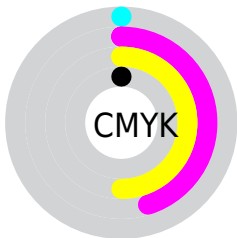
Blue (50%)



Red (100%)

Yellow (55%)

Blue (50%)

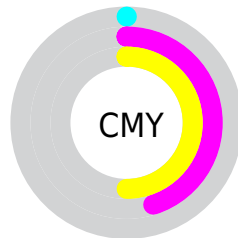


Cyan (0%)

Magenta (45%)

Yellow (50%)

Black (0%)



Cyan (0%)

Magenta (45%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.4488, 41.5485, 25.2286 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 54.4488, 41.5485, 25.2286 by changing the saturation by 10% instead.


 54.4488, 41.5485,
25.2286


 54.4488, 41.5485,
25.2286


393.9896,
352.6079, 292.4585

 39.1927, 28.7479,
16.0269

 95.8859, 77.5158,
52.9965

 27.0911, 18.8902,
9.3886

 122.7977,
101.4514, 72.3999

 17.7786, 11.5910,
4.8953


 154.3253,
129.8674, 96.0408

 10.8898, 6.4658,
2.1283

190.8342,
163.1482, 124.3379

 6.0596, 3.1303,
0.6325

232.6897,
201.6783, 157.7096

 2.9223, 1.2002,
0.0000

280.2572,

 1.1128, 0.0618,

245.8420, 196.5746

0.0000

333.9021,
296.0237, 241.3514

■ 0.0358, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.4488, 41.5485,
25.2286

■ 54.4488, 41.5485,
25.2286

■ 49.9862, 34.9550,
16.5535

■ 60.0308, 49.7081,
36.3521

■ 46.5640, 29.8210,
10.1396

■ 66.7979, 59.5185,
50.0877

■ 44.0976, 26.0369,
5.7761

■ 74.8144, 71.0661,
66.5875

■ 42.4875, 23.4746,
3.2115

■ 84.1389, 84.4294,
85.9914

■ 41.6072, 21.9948,
2.0525

94.8266, 99.6820,
108.4298

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



57.4732, 41.5485, 43.6395



54.4488, 41.5485, 25.2286



47.3662, 41.5485, 15.8892

Triad

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



54.4488, 41.5485, 25.2286



27.1160, 41.5485, 27.1766



40.0586, 41.5485, 107.1805

Complementary

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



54.4488, 41.5485, 25.2286



58.5525, 75.2321, 106.0424

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.



32.5403, 41.5485, 98.1228



54.4488, 41.5485, 25.2286



25.7148, 41.5485, 46.8777

Square

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



54.4488, 41.5485, 25.2286



31.6872, 41.5485, 16.7088



27.5584, 41.5485, 73.7429



48.4802, 41.5485, 95.4349

Rectangle

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



54.4488, 41.5485, 25.2286



41.7156, 41.5485, 13.5988



27.5584, 41.5485, 73.7429



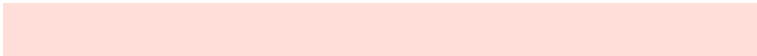
37.3462, 41.5485, 106.4612

Sweetspot

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



54.4498, 41.5506, 25.2294



79.4925, 77.7780, 76.2982



64.8863, 42.8618, 89.0149



16.5992, 16.0520, 15.4671



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.



54.4498, 41.5506, 25.2294



50.0635, 35.0697, 16.7009



66.6160, 65.8830, 29.2848



18.1578, 18.2839, 18.7164



21.7891, 11.5894, 1.0886



2.1684, 1.2222, 0.1216

Inverse Universe

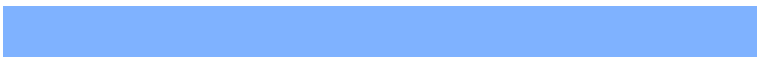
The Inverse Universe completely reimagines the original color for something new.



58.5525, 75.2321, 106.0424



54.5288, 72.0434, 105.6395



42.7628, 43.6527, 100.7792



18.3879, 20.1473, 23.1696



24.1491, 33.2078, 54.5715



2.3949, 3.3206, 5.3280

Previews

White Background



This preview shows how the XYZ color 54.4488, 41.5485, 25.2286 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 54.4488, 41.5485, 25.2286 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 54.4488, 41.5485, 25.2286

Background



This preview shows how black text looks on a background with the XYZ color 54.4488, 41.5485, 25.2286.



This preview shows how white text looks on a background with the XYZ color 54.4488, 41.5485,

25.2286.

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

54.4488, 41.5485, 25.2286

Protanopia

39.3545, 41.9074, 31.6059

Deuteranopia

42.6027, 41.7994, 24.2350



Tritanopia

55.6738, 41.5751, 33.1074

Trichromacy



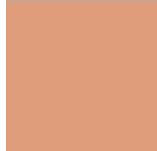
Original Color

54.4488, 41.5485, 25.2286



Protanomaly

43.5547, 40.8512, 29.2564



Deuteranomaly

46.4355, 41.4165, 24.6155



Tritanomaly

55.2062, 41.6187, 29.9345

Monochromacy



Original Color

54.4488, 41.5485, 25.2286



Achromatopsia

39.7200, 41.7885, 45.5077



Achromatomaly

43.3742, 40.5865, 37.0004

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4488, 41.5485, 25.2286 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, 140, 127)` looks like.

```
.text, #text, p{  
    color:rgb(255, 140, 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(255, 140, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 140, 127) }
```

Border

The CSS property to change the border of an element to XYZ 54.4488, 41.5485, 25.2286 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, 140, 127) }
```


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

```
.border{ border-color:rgb(255, 140, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 140, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 140, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 140, 127);  
box-shadow:4px 4px 4px 4px rgb(255, 140,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4488, 41.5485, 25.2286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 140, 127) }
```

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

```
.background{ background-color: rgb(255,  
140, 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](#).

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