

Converting Colors

XYZ(85.3459, 57.1600, 23.7900)

Have a look what the booklet for
XYZ(85.3459, 57.1600, 23.7900)
contains.

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Color

**XYZ(53.5985, 40.7450,
22.1792)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8A76
RGB	255, 138, 118
RGB Percent	100%, 54%, 46%
CMY	0.0000, 0.4588, 0.5372
CMYK	0.00, 0.46, 0.54, 0.00
HSL	9°, 100%, 73%
HSV	9°, 54%, 100%
XYZ	53.5985, 40.7450, 22.1792
YIQ	170.7030, 76.1520, 18.5840

Conversions

Conversions Part 2

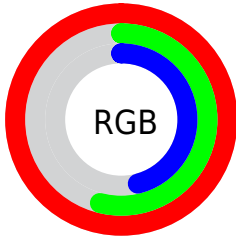
Format	Color
R_{YB}	255, 141, 118
Decimal	16747126
CIE Lab	70.00, 42.41, 30.59
CIE LCh	70, 52.294, 35.805
Yxy	40.7450, 0.4600, 0.3497
Android (android.graphics.Color)	4294937206 (0xFFFF8A76)
YUV	170.7030, -25.9826, 73.9285
Hunter-Lab	63.8318, 38.1778, 24.0812

Details

The XYZ color **53.5985, 40.7450, 22.1792** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **55.2277, 70.4843, 105.3013**, and the grayscale version is **38.6603, 40.6736, 44.2936**.

A 20% lighter version of the original color is **67.5657, 62.3022, 46.4946**, and **26.5708, 18.3960, 7.7806** is the 20% darker color. If you saturate the color by 10%, you get **49.4657, 34.5857, 14.3091**, and if you desaturate by 10%, it is **58.7692, 48.3250, 32.4163**.

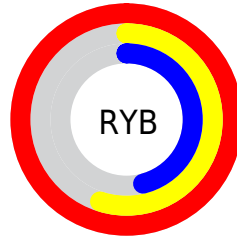
Distribution



Red (100%)

Green (54%)

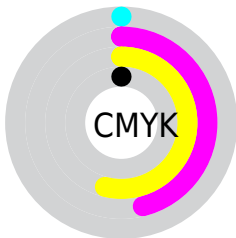
Blue (46%)



Red (100%)

Yellow (55%)

Blue (46%)

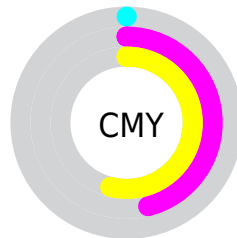


Cyan (0%)

Magenta (46%)

Yellow (54%)

Black (0%)



Cyan (0%)


Magenta (46%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.5985, 40.7450, 22.1792 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 53.5985, 40.7450, 22.1792 by changing the saturation by 10% instead.


 53.5985, 40.7450,
22.1792


 53.5985, 40.7450,
22.1792


390.8005,
349.2537, 276.4646

 38.5102, 28.1199,
13.7891


 94.6448, 76.2966,
47.9480

 26.5579, 18.4161,
7.8370


 121.3335, 99.9920,
66.1637

 17.3763, 11.2491,
3.9046


 152.6197,
128.1461, 88.4917

 10.6001, 6.2346,
1.5731

188.8687,
161.1436, 115.3505

 5.8639, 2.9883,
0.2715

230.4460,
199.3687, 147.1587

 2.8024, 1.1256,
0.0000

277.7168,

 1.0501, 0.0000,

243.2058, 184.3347

0.0000

331.0465,
293.0393, 227.2972

■ 0.0000, 0.0000,
0.0000

■ 53.5985, 40.7450,
22.1792

■ 53.5985, 40.7450,
22.1792

■ 49.4657, 34.5857,
14.3091

■ 58.7692, 48.3250,
32.4163

■ 46.2963, 29.7518,
8.6130

■ 65.0393, 57.4004,
45.1882

■ 44.0104, 26.1466,
4.8712

■ 72.4692, 68.0483,
60.6496

■ 42.5130, 23.6565,
2.8158

■ 81.1138, 80.3383,
78.9426

■ 41.9088, 22.5979,
2.1530

■ 91.0244, 94.3363,
100.1990

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.



57.4289, 40.7450, 39.7838



53.5985, 40.7450, 22.1792



45.8402, 40.7450, 13.8447

Triad

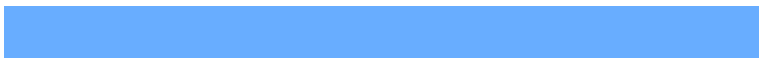
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



53.5985, 40.7450, 22.1792



25.6177, 40.7450, 27.7731



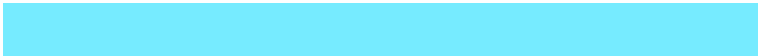
40.4085, 40.7450, 109.3670

Complementary

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



53.5985, 40.7450, 22.1792



55.2277, 70.4843, 105.3013

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.



32.3904, 40.7450, 102.4335



53.5985, 40.7450, 22.1792



24.6022, 40.7450, 49.2837

Square

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



53.5985, 40.7450, 22.1792



29.9077, 40.7450, 16.1460



26.8971, 40.7450, 77.8822



49.1289, 40.7450, 94.3612

Rectangle

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



53.5985, 40.7450, 22.1792



39.9382, 40.7450, 12.0857



26.8971, 40.7450, 77.8822



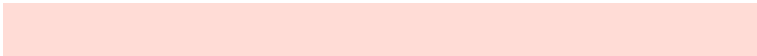
37.5403, 40.7450, 109.5770

Sweetspot

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



53.5995, 40.7471, 22.1799



79.0379, 77.3947, 74.5253



62.9655, 40.3159, 84.3795



16.5273, 16.0117, 15.1239



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.



53.5995, 40.7471, 22.1799



49.3662, 34.4355, 14.1243



66.2855, 66.1191, 26.4086



18.2234, 18.4149, 18.7383



21.9624, 11.9360, 1.1463



2.1992, 1.2837, 0.1319

Inverse Universe

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



55.2277, 70.4843, 105.3013



51.0664, 66.7305, 104.7965



39.5672, 39.1634, 100.0812



18.3155, 20.0026, 23.1455



22.5858, 30.0811, 54.0504



2.2581, 3.0468, 5.2824

Previews

White Background



This preview shows how the XYZ color 53.5985, 40.7450, 22.1792 looks on a white background.

Color Contrast Check

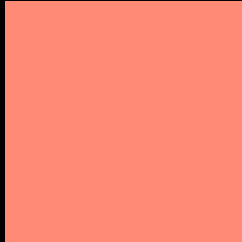
Large Text (above 18pt) WCAG AA × Fail

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 53.5985, 40.7450, 22.1792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

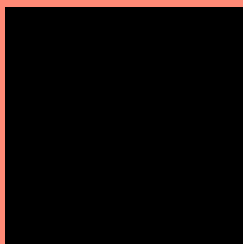
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.5985, 40.7450, 22.1792

Background



This preview shows how black text looks on a background with the XYZ color 53.5985, 40.7450, 22.1792.



This preview shows how white text looks on a background with the XYZ color 53.5985, 40.7450,

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

53.5985, 40.7450, 22.1792

Protanopia

38.2562, 40.8590, 27.7001

Deuteranopia

41.7097, 40.8650, 21.3122



Tritanopia

55.0148, 40.6323, 31.7313

Trichromacy



Original Color

53.5985, 40.7450, 22.1792

Protanomaly

42.5234, 39.8839, 25.5358

Deuteranomaly

45.5563, 40.5278, 21.6412

Tritanomaly

54.4173, 40.6176, 27.8935

Monochromacy



Original Color

53.5985, 40.7450, 22.1792

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

42.4228, 39.6198, 35.1172

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5985, 40.7450, 22.1792 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, 118)` looks like.

```
.text, #text, p{  
    color:rgb(255, 138, 118)  
}
```

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, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 138, 118) }
```

Border

The CSS property to change the border of an element to XYZ 53.5985, 40.7450, 22.1792 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, 118) }
```


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

```
.border{ border-color:rgb(255, 138, 118) }
```

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, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 138, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 138, 118); box-shadow:4px 4px 4px 4px rgb(255, 138, 118) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5985, 40.7450, 22.1792 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, 118) }
```

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

```
.background{ background-color: rgb(255,  
138, 118) }
```

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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