

Converting Colors

XYZ(93.6397, 64.0852, 24.5023)

Have a look what the booklet for
XYZ(93.6397, 64.0852, 24.5023)
contains.

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Color

**XYZ(55.4164, 44.3807,
22.7851)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF9676 |
| RGB | 255, 150, 118 |
| RGB Percent | 100%, 59%, 46% |
| CMY | 0.0000, 0.4117, 0.5372 |
| CMYK | 0.00, 0.41, 0.54, 0.00 |
| HSL | 14°, 100%, 73% |
| HSV | 14°, 54%, 100% |
| XYZ | 55.4164, 44.3807, 22.7851 |
| YIQ | 177.7470, 72.8520, 12.3080 |

Conversions

Conversions Part 2

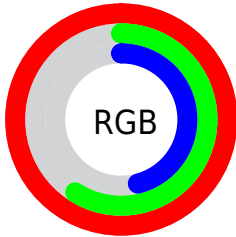
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 255, 160, 118 |
| Decimal | 16750198 |
| CIE _{Lab} | 72.48, 36.32, 33.82 |
| CIE _{LCh} | 72, 49.623, 42.959 |
| Yxy | 44.3807, 0.4521, 0.3620 |
| Android (android.graphics.Color) | 4294940278 (0xFFFF9676) |
| YUV | 177.7470, -29.4553, 67.7509 |
| Hunter-Lab | 66.6188, 31.9010, 26.3547 |

Details

The XYZ color **55.4164, 44.3807, 22.7851** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **51.9074, 63.8437, 104.1947**, and the grayscale version is **42.3081, 44.5114, 48.4729**.

A 20% lighter version of the original color is **70.4220, 67.8629, 47.9153**, and **27.6900, 20.6344, 8.1536** is the 20% darker color. If you saturate the color by 10%, you get **51.2382, 38.1306, 14.8999**, and if you desaturate by 10%, it is **60.5264, 51.8393, 33.0021**.

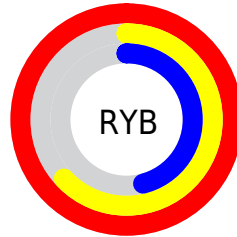
Distribution



Red (100%)

Green (59%)

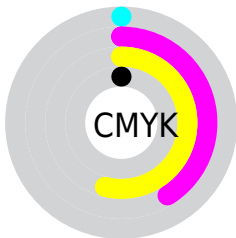
Blue (46%)



Red (100%)

Yellow (63%)

Blue (46%)

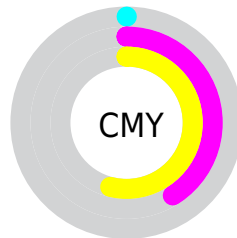


Cyan (0%)

Magenta (41%)

Yellow (54%)

Black (0%)



Cyan (0%)


Magenta (41%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.4164, 44.3807, 22.7851 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 55.4164, 44.3807, 22.7851 by changing the saturation by 10% instead.


 55.4164, 44.3807,
22.7851

 55.4164, 44.3807,
22.7851


397.5992,
364.2596, 279.7054

 39.9704, 30.9699,
14.2311


 97.2955, 81.7903,
48.9589

 27.6995, 20.5759,
8.1410


 124.4594,
106.5579, 67.4158

 18.2386, 12.8144,
4.0962


 156.2598,
135.8799, 90.0108

 11.2221, 7.3009,
1.6783

193.0623,
170.1407, 117.1624

 6.2848, 3.6510,
0.3458

235.2321,
209.7246, 149.2891

 3.0613, 1.4803,
0.0000

283.1346,

 1.1863, 0.2748,

255.0162, 186.8094

0.0000

337.1352,
306.3997, 230.1420

■ 0.0955, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.4164, 44.3807,
22.7851

■ 55.4164, 44.3807,
22.7851

■ 51.2382, 38.1306,
14.8999

■ 60.5264, 51.8393,
33.0021

■ 47.9290, 33.0171,
9.1572

■ 66.6189, 60.5595,
45.7147

■ 45.4225, 28.9708,
5.3419

■ 73.7449, 70.5996,
61.0749

■ 43.6402, 25.9110,
3.1915

■ 81.9506, 82.0119,
79.2216

■ 42.8335, 24.4472,
2.4612

■ 91.2794, 94.8461,
100.2841

95.0499, 99.9999,
108.9000

Harmonies

Analogous

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



60.3490, 44.3807, 38.5012



55.4164, 44.3807, 22.7851



47.1942, 44.3807, 15.8059

Triad

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



55.4164, 44.3807, 22.7851



28.3173, 44.3807, 35.7791



45.9836, 44.3807, 110.3838

Complementary

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



55.4164, 44.3807, 22.7851



51.9074, 63.8437, 104.1947

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.



37.5388, 44.3807, 108.8825



55.4164, 44.3807, 22.7851



28.0852, 44.3807, 59.6875

Square

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



55.4164, 44.3807, 22.7851



31.9275, 44.3807, 21.3761



31.2435, 44.3807, 88.1074



54.4274, 44.3807, 91.7007

Rectangle

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



55.4164, 44.3807, 22.7851



41.3384, 44.3807, 14.8719



31.2435, 44.3807, 88.1074



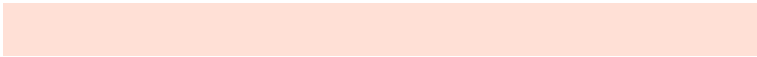
43.0381, 44.3807, 112.3696

Sweetspot

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



55.4175, 44.3830, 22.7859



79.9868, 79.2925, 74.8416



61.0423, 39.5467, 74.2516



16.7507, 16.4586, 15.1984



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.



55.4175, 44.3830, 22.7859



51.1360, 37.9751, 14.7142



69.7026, 72.9532, 27.5476



18.3537, 18.6756, 18.7817



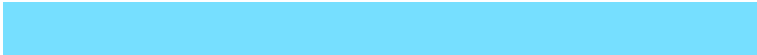
22.4750, 12.9613, 1.3172



2.2675, 1.4203, 0.1546

Inverse Universe

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



51.9074, 63.8437, 104.1947



47.2238, 59.0452, 103.5157



37.1653, 34.3596, 99.2807



18.1740, 19.7196, 23.0983



19.7985, 24.5065, 53.1213



2.0106, 2.5520, 5.1999

Previews

White Background



This preview shows how the XYZ color 55.4164, 44.3807, 22.7851 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 55.4164, 44.3807, 22.7851 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 55.4164, 44.3807, 22.7851

Background



This preview shows how black text looks on a background with the XYZ color 55.4164, 44.3807, 22.7851.



This preview shows how white text looks on a background with the XYZ color 55.4164, 44.3807,

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

55.4164, 44.3807, 22.7851

Protanopia

41.6879, 44.6590, 27.5419

Deuteranopia

45.4363, 44.4114, 22.0971



Tritanopia

57.6047, 44.2521, 37.4037

Trichromacy



Original Color

55.4164, 44.3807, 22.7851



Protanomaly

45.7929, 43.9587, 25.8100



Deuteranomaly

48.8248, 44.2552, 22.1884



Tritanomaly

56.6316, 44.1106, 31.5160

Monochromacy



Original Color

55.4164, 44.3807, 22.7851



Achromatopsia

42.3164, 44.5201, 48.4824



Achromatomaly

45.4570, 43.5274, 37.4583

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4164, 44.3807, 22.7851 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, 150, 118)` looks like.

```
.text, #text, p{  
    color:rgb(255, 150, 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, 150, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 150, 118) }
```

Border

The CSS property to change the border of an element to XYZ 55.4164, 44.3807, 22.7851 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, 150, 118) }
```


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

```
.border{ border-color:rgb(255, 150, 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, 150, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 150, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 150, 118);  
box-shadow:4px 4px 4px 4px rgb(255, 150,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4164, 44.3807, 22.7851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 150, 118) }
```

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

```
.background{ background-color: rgb(255,  
150, 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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