

Converting Colors

XYZ(55.5622, 44.7862, 23.8016)

Have a look what the booklet for
XYZ(55.5622, 44.7862, 23.8016)
contains.

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Color

**XYZ(55.3908, 44.5845,
23.7754)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FE9779 |
| RGB | 254, 151, 121 |
| RGB Percent | 100%, 59%, 47% |
| CMY | 0.0039, 0.4078, 0.5255 |
| CMYK | 0.00, 0.41, 0.52, 0.00 |
| HSL | 14°, 99%, 74% |
| HSV | 14°, 52%, 100% |
| XYZ | 55.3908, 44.5845, 23.7754 |
| YIQ | 178.3770, 71.0180, 12.5060 |

Conversions

Conversions Part 2

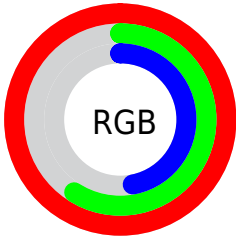
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 254, 160, 121 |
| Decimal | 16684921 |
| CIE Lab | 72.62, 35.67, 32.35 |
| CIE LCh | 73, 48.157, 42.210 |
| Yxy | 44.5845, 0.4476, 0.3603 |
| Android (android.graphics.Color) | 4294875001 (0xFFFE9779) |
| YUV | 178.3770, -28.2869, 66.3214 |
| Hunter-Lab | 66.7716, 31.2254, 25.6287 |

Details

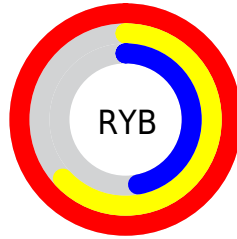
The XYZ color **55.3908, 44.5845, 23.7754** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **52.4286, 64.5286, 103.4575**, and the grayscale version is **42.6367, 44.8571, 48.8494**.

A 20% lighter version of the original color is **70.9513, 68.4586, 49.5187**, and **27.6239, 20.7290, 8.6761** is the 20% darker color. If you saturate the color by 10%, you get **51.1276, 38.2314, 15.6550**, and if you desaturate by 10%, it is **60.5943, 52.1624, 34.2328**.

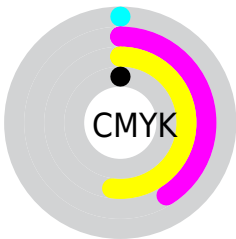
Distribution



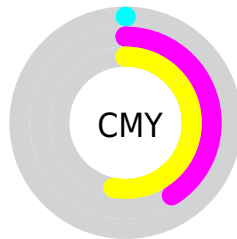
- Red (100%)
- Green (59%)
- Blue (47%)



- Red (100%)
- Yellow (63%)
- Blue (47%)



- Cyan (0%)
- Magenta (41%)
- Yellow (52%)
- Black (0%)





- Cyan (0%)
- Magenta (41%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.3908, 44.5845, 23.7754 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 55.3908, 44.5845, 23.7754 by changing the saturation by 10% instead.


 55.3908, 44.5845,
23.7754


 55.3908, 44.5845,
23.7754


397.5040,
365.0882, 284.9329

 39.9498, 31.1303,
14.9564


 97.2583, 82.0966,
50.6027

 27.6834, 20.6981,
8.6425


 124.4155,
106.9232, 69.4480

 18.2264, 12.9035,
4.4152


 156.2087,
136.3094, 92.4727

 11.2133, 7.3621,
1.8557

193.0035,
170.6396, 120.0950

 6.2789, 3.6896,
0.4644

235.1650,
210.2982, 152.7337

 3.0576, 1.5015,
0.0000

283.0587,

 1.1843, 0.2898,

255.6695, 190.8072

0.0000

337.0499,
307.1381, 234.7341

■ 0.0939, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.3908, 44.5845,
23.7754

■ 55.3908, 44.5845,
23.7754

■ 51.1276, 38.2314,
15.6550

■ 60.5943, 52.1624,
34.2328

■ 47.7424, 33.0308,
9.6870

■ 66.7887, 61.0187,
47.1874

■ 45.1697, 28.9128,
5.6626

■ 74.0244, 71.2120,
62.7881

■ 43.3326, 25.7966,
3.3296

■ 82.3476, 82.7954,
81.1713

■ 42.3511, 24.0272,
2.4056

■ 91.8016, 95.8187,
102.4642

94.6828, 99.8107,
108.8828

Harmonies

Analogous

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



60.0508, 44.5845, 39.4699



55.3908, 44.5845, 23.7754



47.4643, 44.5845, 16.6429

Triad

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



55.3908, 44.5845, 23.7754



28.8738, 44.5845, 35.8276



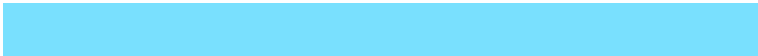
45.8571, 44.5845, 108.6480

Complementary

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



55.3908, 44.5845, 23.7754



52.4286, 64.5286, 103.4575

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.



37.6655, 44.5845, 106.6808



55.3908, 44.5845, 23.7754



28.5622, 44.5845, 58.9142

Square

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



55.3908, 44.5845, 23.7754



32.4945, 44.5845, 21.8655



31.5788, 44.5845, 86.3751



54.0821, 44.5845, 91.0989

Rectangle

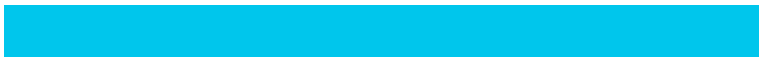
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



55.3908, 44.5845, 23.7754



41.7613, 44.5845, 15.6067



31.5788, 44.5845, 86.3751



42.9972, 44.5845, 110.3752

Sweetspot

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



55.3919, 44.5868, 23.7762



79.8992, 79.1173, 74.8123



61.3260, 40.1920, 75.8909



16.7301, 16.4173, 15.1915



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.



55.3919, 44.5868, 23.7762



51.3381, 38.1983, 15.3394



68.9612, 71.7254, 28.2993



18.3417, 18.6516, 18.7777



22.4181, 12.8474, 1.2982



2.2604, 1.4061, 0.1523

Inverse Universe

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



52.4286, 64.5286, 103.4575



47.9699, 60.1538, 103.6903



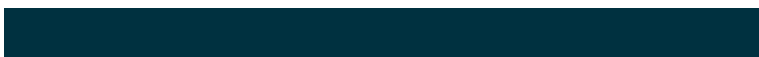
38.1185, 35.9085, 98.6874



18.1869, 19.7454, 23.1026



20.0374, 24.9844, 53.2010



2.0321, 2.5948, 5.2070

Previews

White Background



This preview shows how the XYZ color 55.3908, 44.5845, 23.7754 looks on a white background.

Color Contrast Check

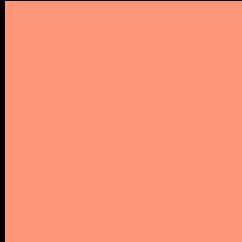
Large Text (above 18pt) WCAG AA × Fail

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 55.3908, 44.5845, 23.7754 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 55.3908, 44.5845, 23.7754

Background



This preview shows how black text looks on a background with the XYZ color 55.3908, 44.5845, 23.7754.



This preview shows how white text looks on a background with the XYZ color 55.3908, 44.5845,

23.7754.

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

55.3908, 44.5845, 23.7754

Protanopia

41.8923, 44.7407, 28.6182

Deuteranopia

45.7981, 44.8572, 23.0741



Tritanopia

57.7595, 44.5618, 37.4553

Trichromacy



Original Color

55.3908, 44.5845, 23.7754

Protanomaly

45.9894, 44.0373, 26.8450

Deuteranomaly

48.8586, 44.5169, 23.1570

Tritanomaly

56.8639, 44.4534, 31.9689

Monochromacy



Original Color

55.3908, 44.5845, 23.7754

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

45.5420, 43.5614, 37.9062

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3908, 44.5845, 23.7754 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(254, 151, 121)` looks like.

```
.text, #text, p{  
    color:rgb(254, 151, 121)  
}
```

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(254, 151, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 151, 121) }
```

Border

The CSS property to change the border of an element to XYZ 55.3908, 44.5845, 23.7754 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(254, 151, 121) }
```


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

```
.border{ border-color:rgb(254, 151, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 151, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 151, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 151, 121);  
box-shadow:4px 4px 4px 4px rgb(254, 151,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3908, 44.5845, 23.7754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 151, 121) }
```

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

```
.background{ background-color: rgb(254,  
151, 121) }
```

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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