

Converting Colors

XYZ(55.8223, 44.3970, 25.3731)

Have a look what the booklet for
XYZ(55.8223, 44.3970, 25.3731)
contains.

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Color

**XYZ(55.7533, 44.2613,
25.3434)**

Conversions

Conversions Part 1

Format	Color
Hex	FF957E
RGB	255, 149, 126
RGB Percent	100%, 58%, 49%
CMY	0.0000, 0.4157, 0.5059
CMYK	0.00, 0.42, 0.51, 0.00
HSL	11°, 100%, 75%
HSV	11°, 51%, 100%
XYZ	55.7533, 44.2613, 25.3434
YIQ	178.0720, 70.5590, 15.3190

Conversions

Conversions Part 2

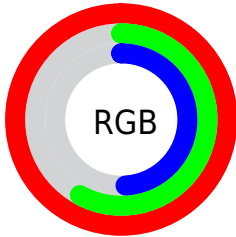
Format	Color
RYB	255, 154, 126
Decimal	16749950
CIELab	72.40, 37.50, 29.39
CIELCh	72, 47.649, 38.087
Yxy	44.2613, 0.4448, 0.3531
Android (android.graphics.Color)	4294940030 (0xFFFF957E)
YUV	178.0720, -25.6715, 67.4659
Hunter-Lab	66.5292, 33.1619, 23.9847

Details

The XYZ color **55.7533, 44.2613, 25.3434** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **55.5089, 69.3650, 105.0704**, and the grayscale version is **42.4617, 44.6730, 48.6489**.

A 20% lighter version of the original color is **70.9695, 67.7004, 51.9748**, and **27.7706, 20.3709, 9.4895** is the 20% darker color. If you saturate the color by 10%, you get **51.2908, 37.6425, 16.7466**, and if you desaturate by 10%, it is **61.2337, 52.2449, 36.3489**.

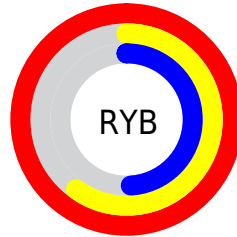
Distribution



Red (100%)

Green (58%)

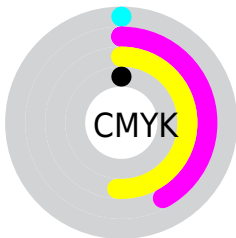
Blue (49%)



Red (100%)

Yellow (60%)

Blue (49%)

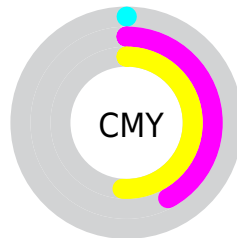


Cyan (0%)

Magenta (42%)

Yellow (51%)

Black (0%)



Cyan (0%)

Magenta (42%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.7533, 44.2613, 25.3434 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 55.7533, 44.2613, 25.3434 by changing the saturation by 10% instead.

55.7533, 44.2613,
25.3434

55.7533, 44.2613,
25.3434

398.8512,
363.7735, 293.0460

40.2414, 30.8760,
16.1117

97.7857, 81.6108,
53.1848

27.9118, 20.5044,
9.4480

125.0369,
106.3438, 72.6316

18.3993, 12.7622,
4.9338

156.9319,
135.6281, 96.3205

11.3385, 7.2650,
2.1504

193.8360,
169.8481, 124.6701

6.3640, 3.6284,
0.6455

236.1147,
209.3883, 158.0989

3.1104, 1.4679,
0.0000

284.1332,

1.2124, 0.2660,

254.6330, 197.0255

0.0000

338.2569,
305.9666, 241.8683

■ 0.1161, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.7533, 44.2613,
25.3434

■ 55.7533, 44.2613,
25.3434

■ 51.2908, 37.6425,
16.7466

■ 61.2337, 52.2449,
36.3489

■ 47.7783, 32.3049,
10.3741

■ 67.7873, 61.6574,
49.9238

■ 45.1447, 28.1656,
6.0186

■ 75.4694, 72.5669,
66.2178

■ 43.3064, 25.1293,
3.4322

■ 84.3304, 85.0351,
85.3682

■ 42.1965, 23.1734,
2.2489

94.4176, 99.1203,
107.5032

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.



59.7082, 44.2613, 42.1106



55.7533, 44.2613, 25.3434



48.2381, 44.2613, 17.2465

Triad

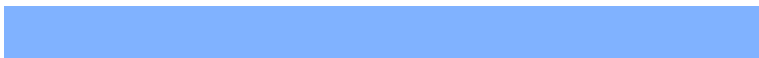
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



55.7533, 44.2613, 25.3434



29.0604, 44.2613, 33.2163



44.3283, 44.2613, 108.2208

Complementary

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



55.7533, 44.2613, 25.3434



55.5089, 69.3650, 105.0704

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.



36.4497, 44.2613, 103.4630



55.7533, 44.2613, 25.3434



28.2987, 44.2613, 54.8347

Square

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



55.7533, 44.2613, 25.3434



33.0656, 44.2613, 20.6539



30.8299, 44.2613, 81.7955



52.5743, 44.2613, 93.2388

Rectangle

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



55.7533, 44.2613, 25.3434



42.5982, 44.2613, 15.6642



30.8299, 44.2613, 81.7955



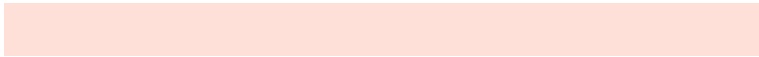
41.5443, 44.2613, 108.9499

Sweetspot

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



55.7544, 44.2636, 25.3442



80.2726, 79.3381, 76.5583



63.4803, 42.0937, 82.2447



16.7844, 16.4225, 15.5289



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.



55.7544, 44.2636, 25.3442



51.1279, 37.3978, 16.4413



68.5492, 69.8532, 29.6092



18.2713, 18.5107, 18.7543



22.1239, 12.2591, 1.2002



2.2221, 1.3295, 0.1395

Inverse Universe

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



55.5089, 69.3650, 105.0704



50.7847, 64.9776, 104.4730



40.8423, 40.0318, 100.1815



18.2631, 19.8978, 23.1280



21.5124, 27.9344, 53.6926



2.1634, 2.8574, 5.2508

Previews

White Background



This preview shows how the XYZ color 55.7533, 44.2613, 25.3434 looks on a white background.

Color Contrast Check

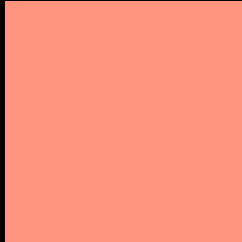
Large Text (above 18pt) WCAG AA × Fail

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 55.7533, 44.2613, 25.3434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

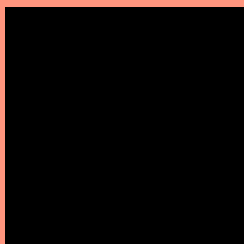
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.7533, 44.2613, 25.3434

Background



This preview shows how black text looks on a background with the XYZ color 55.7533, 44.2613, 25.3434.



This preview shows how white text looks on a background with the XYZ color 55.7533, 44.2613,

25.3434.

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

55.7533, 44.2613, 25.3434

Protanopia

41.8158, 44.6520, 30.8409

Deuteranopia

45.3281, 44.3007, 24.5742



Tritanopia

57.5196, 44.2181, 36.9558

Trichromacy



Original Color

55.7533, 44.2613, 25.3434

Protanomaly

45.8533, 43.6548, 28.5637

Deuteranomaly

48.4904, 43.7647, 24.6306

Tritanomaly

56.7846, 44.1718, 32.3212

Monochromacy



Original Color

55.7533, 44.2613, 25.3434

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

45.5303, 43.2624, 38.7517

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7533, 44.2613, 25.3434 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, 149, 126)` looks like.

```
.text, #text, p{  
    color:rgb(255, 149, 126)  
}
```

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, 149, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 149, 126) }
```

Border

The CSS property to change the border of an element to XYZ 55.7533, 44.2613, 25.3434 is called "border". The border property can be set on classes, ids or directly on the HTML element.

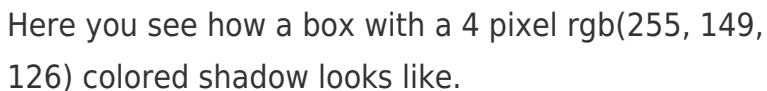
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 149, 126) }
```


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

```
.border{ border-color:rgb(255, 149, 126) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 149, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 149, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 149, 126); box-shadow:4px 4px 4px 4px rgb(255, 149, 126) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7533, 44.2613, 25.3434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 149, 126) }
```

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

```
.background{ background-color: rgb(255,  
149, 126) }
```

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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