

Converting Colors

XYZ(55.2826, 43.4589, 24.7577)

Have a look what the booklet for
XYZ(55.2826, 43.4589, 24.7577)
contains.

XYZ(55.3754, 43.6081, 24.9006)	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(55.3754, 43.6081,
24.9006)**

Conversions

Conversions Part 1

Format	Color
Hex	FF937D
RGB	255, 147, 125
RGB Percent	100%, 58%, 49%
CMY	0.0000, 0.4235, 0.5098
CMYK	0.00, 0.42, 0.51, 0.00
HSL	10°, 100%, 75%
HSV	10°, 51%, 100%
XYZ	55.3754, 43.6081, 24.9006
YIQ	176.7840, 71.4300, 16.0540

Conversions

Conversions Part 2

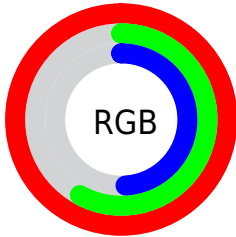
Format	Color
RYB	255, 151, 125
Decimal	16749437
CIELab	71.97, 38.44, 29.36
CIELCh	72, 48.369, 37.372
Yxy	43.6081, 0.4470, 0.3520
Android (android.graphics.Color)	4294939517 (0xFFFF937D)
YUV	176.7840, -25.5295, 68.5954
Hunter-Lab	66.0364, 34.1189, 23.8688

Details

The XYZ color **55.3754, 43.6081, 24.9006** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **55.6447, 69.8542, 105.1579**, and the grayscale version is **41.7812, 43.9571, 47.8692**.

A 20% lighter version of the original color is **70.3964, 66.7154, 51.2866**, and **27.5553, 19.9965, 9.2449** is the 20% darker color. If you saturate the color by 10%, you get **50.9544, 37.0471, 16.3956**, and if you desaturate by 10%, it is **60.8232, 51.5538, 35.8113**.

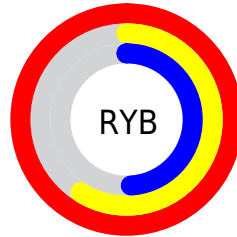
Distribution



Red (100%)

Green (58%)

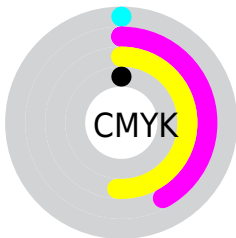
Blue (49%)



Red (100%)

Yellow (59%)

Blue (49%)

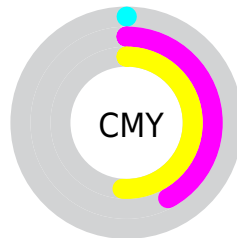


Cyan (0%)

Magenta (42%)

Yellow (51%)

Black (0%)



Cyan (0%)


Magenta (42%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.3754, 43.6081, 24.9006 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 55.3754, 43.6081, 24.9006 by changing the saturation by 10% instead.


 55.3754, 43.6081,
24.9006


 55.3754, 43.6081,
24.9006


397.4467,
361.1066, 290.7744

 39.9374, 30.3625,
15.7847


 97.2359, 80.6277,
52.4580

 27.6737, 20.1139,
9.2192


 124.3891,
105.1705, 71.7366

 18.2190, 12.4779,
4.7857


 156.1780,
134.2479, 95.2399

 11.2080, 7.0700,
2.0655

192.9681,
168.2442, 123.3862

 6.2752, 3.5059,
0.5951

235.1246,
207.5438, 156.5944

 3.0554, 1.4012,
0.0000

283.0130,

 1.1831, 0.2176,

252.5312, 195.2827

0.0000

336.9986,
303.5906, 239.8699

■ 0.0930, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.3754, 43.6081,
24.9006

■ 55.3754, 43.6081,
24.9006

■ 50.9544, 37.0471,
16.3956

■ 60.8232, 51.5538,
35.8113

■ 47.4910, 31.7845,
10.1107

■ 67.3546, 60.9509,
49.2896

■ 44.9121, 27.7342,
5.8370

■ 75.0260, 71.8695,
65.4858

■ 43.1321, 24.7969,
3.3236

■ 83.8888, 84.3734,
84.5381

■ 42.1098, 22.9998,
2.2200

■ 93.9914, 98.5226,
106.5752

■ 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.



59.2536, 43.6081, 41.8881



55.3754, 43.6081, 24.9006



47.8556, 43.6081, 16.6823

Triad

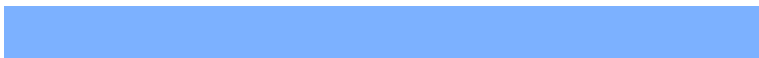
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



55.3754, 43.6081, 24.9006



28.4632, 43.6081, 32.0602



43.5170, 43.6081, 108.2869

Complementary

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



55.3754, 43.6081, 24.9006



55.6447, 69.8542, 105.1579

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.



35.6398, 43.6081, 102.9682



55.3754, 43.6081, 24.9006



27.6232, 43.6081, 53.5526

Square

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



55.3754, 43.6081, 24.9006



32.5462, 43.6081, 19.7563



30.0770, 43.6081, 80.7389



51.8413, 43.6081, 93.5078

Rectangle

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



55.3754, 43.6081, 24.9006



42.1798, 43.6081, 15.0232



30.0770, 43.6081, 80.7389



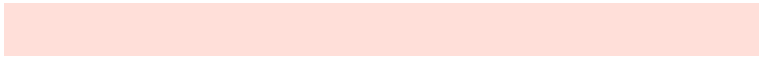
40.7251, 43.6081, 108.8558

Sweetspot

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



55.3765, 43.6103, 24.9014



80.1797, 79.1524, 76.5273



63.3293, 41.8297, 82.0768



16.7623, 16.3783, 15.5215



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.



55.3765, 43.6103, 24.9014



50.9466, 37.0354, 16.3808



68.4019, 69.6612, 29.2432



18.2578, 18.4838, 18.7498



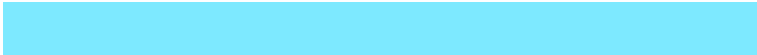
22.0755, 12.1621, 1.1840



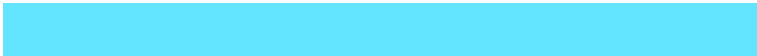
2.2154, 1.3162, 0.1373

Inverse Universe

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



55.6447, 69.8542, 105.1579



51.1726, 65.7534, 104.6023



40.5719, 39.7088, 100.1337



18.2778, 19.9272, 23.1329



21.8082, 28.5260, 53.7912



2.1895, 2.9097, 5.2595

Previews

White Background



This preview shows how the XYZ color 55.3754, 43.6081, 24.9006 looks on a white background.

Color Contrast Check

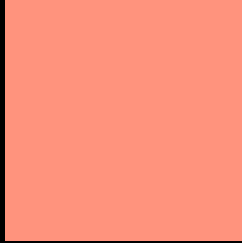
Large Text (above 18pt) WCAG AA × Fail

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 55.3754, 43.6081, 24.9006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

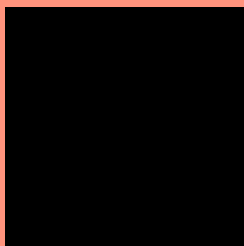
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.3754, 43.6081, 24.9006

Background



This preview shows how black text looks on a background with the XYZ color 55.3754, 43.6081, 24.9006.



This preview shows how white text looks on a background with the XYZ color 55.3754, 43.6081,

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

55.3754, 43.6081, 24.9006

Protanopia

41.0486, 43.9706, 30.3684

Deuteranopia

44.5031, 43.6053, 24.1603



Tritanopia

57.0460, 43.5396, 35.9692

Trichromacy



Original Color

55.3754, 43.6081, 24.9006

Protanomaly

45.0212, 42.9629, 28.1101

Deuteranomaly

47.9363, 43.2258, 24.2292

Tritanomaly

56.3233, 43.4940, 31.4132

Monochromacy



Original Color

55.3754, 43.6081, 24.9006

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

44.9846, 42.7202, 38.2226

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3754, 43.6081, 24.9006 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, 147, 125)` looks like.

```
.text, #text, p{  
    color:rgb(255, 147, 125)  
}
```

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, 147, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 147, 125) }
```

Border

The CSS property to change the border of an element to XYZ 55.3754, 43.6081, 24.9006 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, 147, 125) }
```


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

```
.border{ border-color:rgb(255, 147, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 147, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 147, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 147, 125);  
box-shadow:4px 4px 4px 4px rgb(255, 147,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3754, 43.6081, 24.9006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 147, 125) }
```

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

```
.background{ background-color: rgb(255,  
147, 125) }
```

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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