

Converting Colors

XYZ(55.7301, 44.0428, 25.8657)

Have a look what the booklet for
XYZ(55.7301, 44.0428, 25.8657)
contains.

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Color

**XYZ(55.7262, 43.9983,
25.9775)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9480
RGB	255, 148, 128
RGB Percent	100%, 58%, 50%
CMY	0.0000, 0.4196, 0.4980
CMYK	0.00, 0.42, 0.50, 0.00
HSL	9°, 100%, 75%
HSV	9°, 50%, 100%
XYZ	55.7262, 43.9983, 25.9775
YIQ	177.7130, 70.1920, 16.4640

Conversions

Conversions Part 2

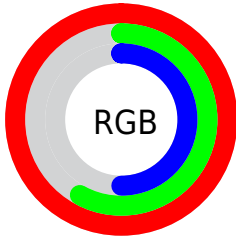
Format	Color
R _Y B	255, 152, 128
Decimal	16749696
CIE Lab	72.23, 38.19, 28.07
CIE LCh	72, 47.399, 36.317
Yxy	43.9983, 0.4433, 0.3500
Android (android.graphics.Color)	4294939776 (0xFFFF9480)
YUV	177.7130, -24.5085, 67.7807
Hunter-Lab	66.3312, 33.8818, 23.2119

Details

The XYZ color **55.7262, 43.9983, 25.9775** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **56.6588, 71.2224, 105.3686**, and the grayscale version is **42.2658, 44.4669, 48.4244**.

A 20% lighter version of the original color is **70.9364, 67.3081, 52.9691**, and **27.7516, 20.2183, 9.8370** is the 20% darker color. If you saturate the color by 10%, you get **51.1912, 37.2853, 17.1998**, and if you desaturate by 10%, it is **61.3105, 52.1351, 37.1862**.

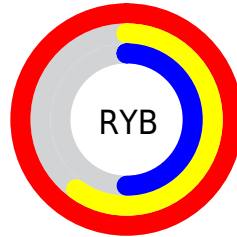
Distribution



Red (100%)

Green (58%)

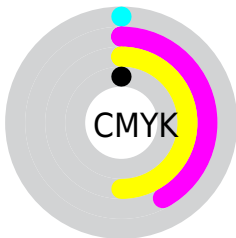
Blue (50%)



Red (100%)

Yellow (60%)

Blue (50%)

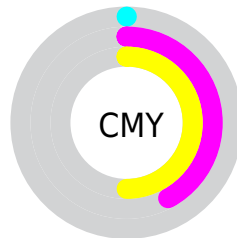


Cyan (0%)

Magenta (42%)

Yellow (50%)

Black (0%)



Cyan (0%)


Magenta (42%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.7262, 43.9983, 25.9775 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 55.7262, 43.9983, 25.9775 by changing the saturation by 10% instead.


 55.7262, 43.9983,
25.9775

 55.7262, 43.9983,
25.9775


398.7506,
362.7013, 296.2736

 40.2196, 30.6692,
16.5812


 97.7463, 81.2152,
54.2223

 27.8948, 20.3471,
9.7776


 124.9904,
105.8717, 73.9078

 18.3864, 12.6476,
5.1481


 156.8778,
135.0729, 97.8602

 11.3291, 7.1863,
2.2741

193.7738,
169.2030, 126.4980

 6.3576, 3.5789,
0.7167

236.0437,
208.6465, 160.2397

 3.1064, 1.4409,
0.0000

284.0529,

 1.2103, 0.2466,

253.7878, 199.5038

0.0000

338.1668,
305.0113, 244.7089

■ 0.1145, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.7262, 43.9983,
25.9775

■ 55.7262, 43.9983,
25.9775

■ 51.1912, 37.2853,
17.1998

■ 61.3105, 52.1351,
37.1862

■ 47.6353, 31.9073,
10.6695

■ 68.0017, 61.7646,
50.9861

■ 44.9847, 27.7757,
6.1805

■ 75.8569, 72.9590,
67.5268

■ 43.1531, 24.7880,
3.4875

■ 84.9285, 85.7842,
86.9456

■ 42.0216, 22.8189, 95.0499, 99.9999,
2.2041 108.9000

■ 42.0044, 22.7890,
2.1848

Harmonies

Analogous

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



59.3658, 43.9983, 43.1463



55.7262, 43.9983, 25.9775



48.4197, 43.9983, 17.4850

Triad

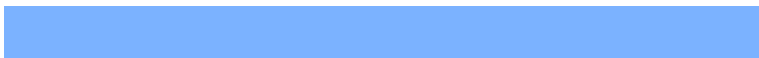
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



55.7262, 43.9983, 25.9775



29.0714, 43.9983, 32.0760



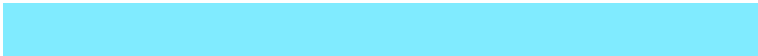
43.5633, 43.9983, 107.6259

Complementary

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



55.7262, 43.9983, 25.9775



56.6588, 71.2224, 105.3686

Split Complementary

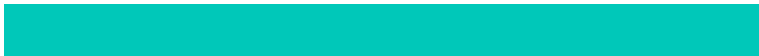
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



35.8473, 43.9983, 101.7338



55.7262, 43.9983, 25.9775



28.1230, 43.9983, 53.0049

Square

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



55.7262, 43.9983, 25.9775



33.2249, 43.9983, 20.1242



30.4426, 43.9983, 79.6250



51.7805, 43.9983, 93.8083

Rectangle

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



55.7262, 43.9983, 25.9775



42.8316, 43.9983, 15.6726



30.4426, 43.9983, 79.6250



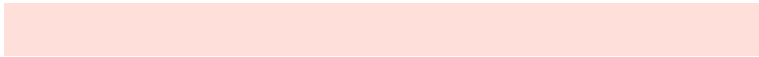
40.8226, 43.9983, 107.9340

Sweetspot

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



55.7273, 44.0005, 25.9783



80.0596, 78.9122, 76.4873



64.0923, 42.7518, 84.1927



16.7338, 16.3212, 15.5120



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.



55.7273, 44.0005, 25.9783



51.1122, 37.1671, 17.0504



68.3190, 69.1839, 30.1755



18.2404, 18.4489, 18.7440



22.0163, 12.0438, 1.1643



2.2071, 1.2996, 0.1345

Inverse Universe

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



56.6588, 71.2224, 105.3686



52.0769, 67.1396, 104.8222



41.7907, 41.4862, 100.4125



18.2968, 19.9653, 23.1393



22.1978, 29.3052, 53.9211



2.2239, 2.9785, 5.2710

Previews

White Background



This preview shows how the XYZ color 55.7262, 43.9983, 25.9775 looks on a white background.

Color Contrast Check

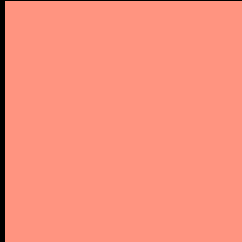
Large Text (above 18pt) WCAG AA × Fail

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 55.7262, 43.9983, 25.9775 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 55.7262, 43.9983, 25.9775

Background



This preview shows how black text looks on a background with the XYZ color 55.7262, 43.9983, 25.9775.



This preview shows how white text looks on a background with the XYZ color 55.7262, 43.9983,

25.9775.

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

55.7262, 43.9983, 25.9775

Protanopia

41.5161, 44.1862, 31.5400

Deuteranopia

45.1642, 44.2017, 25.2202



Tritanopia

57.2818, 43.8774, 36.4604

Trichromacy



Original Color

55.7262, 43.9983, 25.9775

Protanomaly

45.5207, 43.1961, 29.2310

Deuteranomaly

48.6169, 43.8153, 25.2968

Tritanomaly

56.6297, 43.8621, 32.2696

Monochromacy



Original Color

55.7262, 43.9983, 25.9775

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

45.6175, 43.2973, 39.2106

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7262, 43.9983, 25.9775 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, 148, 128)` looks like.

```
.text, #text, p{  
    color:rgb(255, 148, 128)  
}
```

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, 148, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 148, 128) }
```

Border

The CSS property to change the border of an element to XYZ 55.7262, 43.9983, 25.9775 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, 148, 128) }
```


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

```
.border{ border-color:rgb(255, 148, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 148, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 148, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 148, 128);  
box-shadow:4px 4px 4px 4px rgb(255, 148,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7262, 43.9983, 25.9775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 148, 128) }
```

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

```
.background{ background-color: rgb(255,  
148, 128) }
```

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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