

Converting Colors

XYZ(59.2415, 44.9364, 26.0103)

Have a look what the booklet for
XYZ(59.2415, 44.9364, 26.0103)
contains.

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Color

**XYZ(55.1095, 42.7650,
25.7720)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9080
RGB	255, 144, 128
RGB Percent	100%, 56%, 50%
CMY	0.0000, 0.4353, 0.4980
CMYK	0.00, 0.44, 0.50, 0.00
HSL	8°, 100%, 75%
HSV	8°, 50%, 100%
XYZ	55.1095, 42.7650, 25.7720
YIQ	175.3650, 71.2920, 18.5560

Conversions

Conversions Part 2

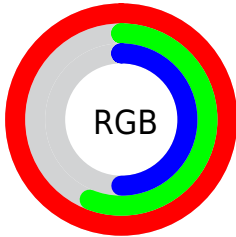
Format	Color
R_{YB}	255, 146, 128
Decimal	16748672
CIE _{Lab}	71.40, 40.23, 26.97
CIE _{LCh}	71, 48.431, 33.833
Yxy	42.7650, 0.4457, 0.3459
Android (android.graphics.Color)	4294938752 (0xFFFF9080)
YUV	175.3650, -23.3509, 69.8399
Hunter-Lab	65.3950, 35.9840, 22.4104

Details

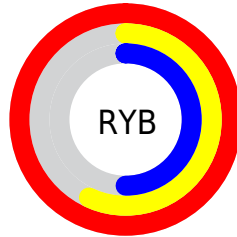
The XYZ color **55.1095, 42.7650, 25.7720** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **57.8168, 73.5385, 105.7544**, and the grayscale version is **41.0292, 43.1659, 47.0077**.

A 20% lighter version of the original color is **70.0039, 65.4430, 52.6582**, and **27.4005, 19.5160, 9.7199** is the 20% darker color. If you saturate the color by 10%, you get **50.5884, 36.0799, 16.9990**, and if you desaturate by 10%, it is **60.7207, 50.9557, 36.9896**.

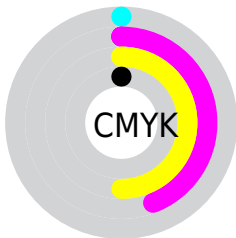
Distribution



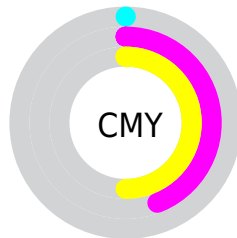
- Red (100%)
- Green (56%)
- Blue (50%)



- Red (100%)
- Yellow (57%)
- Blue (50%)



- Cyan (0%)
- Magenta (44%)
- Yellow (50%)
- Black (0%)





- Cyan (0%)
- Magenta (44%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.1095, 42.7650, 25.7720 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 55.1095, 42.7650, 25.7720 by changing the saturation by 10% instead.


 55.1095, 42.7650,
25.7720


 55.1095, 42.7650,
25.7720


396.4565,
357.6444, 295.2308

 39.7236, 29.7008,
16.4289


 96.8488, 79.3561,
53.8865

 27.5063, 19.6116,
9.6705


 123.9328,
103.6518, 73.4949

 18.0924, 12.1130,
5.0783


 155.6470,
132.4601, 97.3622

 11.1164, 6.8207,
2.2338

192.3566,
166.1654, 125.9070

 6.2131, 3.3502,
0.6937

234.4270,
205.1521, 159.5477

 3.0170, 1.3172,
0.0000

282.2235,

 1.1627, 0.1545,

249.8045, 198.7028

0.0000

336.1116,
300.5072, 243.7910

■ 0.0766, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.1095, 42.7650,
25.7720

■ 55.1095, 42.7650,
25.7720

■ 50.5884, 36.0799,
16.9990

■ 60.7207, 50.9557,
36.9896

■ 47.0826, 30.8021,
10.4853

■ 67.4839, 60.7292,
50.8136

■ 44.5128, 26.8320,
6.0233

■ 75.4600, 72.1654,
67.3946

■ 42.7860, 24.0539,
3.3652

■ 84.7048, 85.3369,
86.8710

■ 41.7748, 22.3254, 95.0498, 99.9999,
2.1219 108.9000

■ 41.7601, 22.3004,
2.1034

Harmonies

Analogous

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



58.3813, 42.7650, 43.6261



55.1095, 42.7650, 25.7720



47.9596, 42.7650, 16.7735

Triad

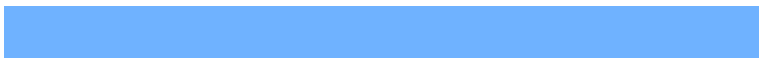
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



55.1095, 42.7650, 25.7720



28.1374, 42.7650, 29.4382



41.7040, 42.7650, 107.2639

Complementary

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



55.1095, 42.7650, 25.7720



57.8168, 73.5385, 105.7544

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.



34.1180, 42.7650, 99.6032



55.1095, 42.7650, 25.7720



26.9254, 42.7650, 49.6306

Square

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



55.1095, 42.7650, 25.7720



32.5280, 42.7650, 18.3396



28.9656, 42.7650, 76.3029



50.0154, 42.7650, 94.7024

Rectangle

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



55.1095, 42.7650, 25.7720



42.3542, 42.7650, 14.6701



28.9656, 42.7650, 76.3029



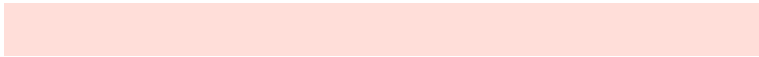
38.9860, 42.7650, 106.9862

Sweetspot

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



55.1106, 42.7672, 25.7728



79.7393, 78.2716, 76.3805



64.7146, 43.0008, 87.4699



16.6577, 16.1691, 15.4866



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.



55.1106, 42.7672, 25.7728



50.5101, 35.9630, 16.8497



67.2839, 67.1138, 29.8306



18.1938, 18.3558, 18.7284



21.8776, 11.7664, 1.1181



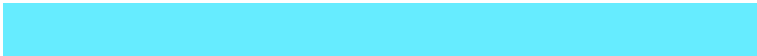
2.1853, 1.2560, 0.1273

Inverse Universe

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



57.8168, 73.5385, 105.7544



53.4435, 69.8728, 105.2778



42.6120, 43.1288, 100.6861



18.3480, 20.0677, 23.1564



23.2770, 31.4636, 54.2808



2.3187, 3.1682, 5.3026

Previews

White Background



This preview shows how the XYZ color 55.1095, 42.7650, 25.7720 looks on a white background.

Color Contrast Check

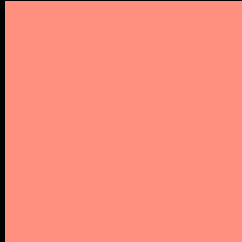
Large Text (above 18pt) WCAG AA × Fail

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 55.1095, 42.7650, 25.7720 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 55.1095, 42.7650, 25.7720

Background



This preview shows how black text looks on a background with the XYZ color 55.1095, 42.7650, 25.7720.



This preview shows how white text looks on a background with the XYZ color 55.1095, 42.7650,

25.7720.

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

55.1095, 42.7650, 25.7720

Protanopia

40.4622, 43.0520, 31.7685

Deuteranopia

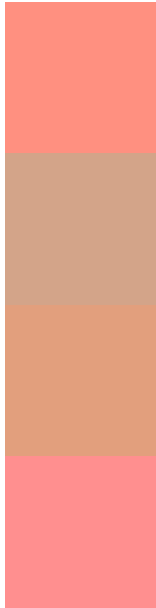
43.9352, 43.0158, 25.0560



Tritanopia

56.5805, 42.8730, 34.9990

Trichromacy



Original Color

55.1095, 42.7650, 25.7720

Protanomaly

44.6548, 42.2059, 29.4599

Deuteranomaly

47.4638, 42.4457, 25.0933

Tritanomaly

56.0204, 42.8881, 31.3122

Monochromacy



Original Color

55.1095, 42.7650, 25.7720

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

44.3489, 41.8569, 38.0895

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1095, 42.7650, 25.7720 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, 144, 128)` looks like.

```
.text, #text, p{  
    color:rgb(255, 144, 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, 144, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 144, 128) }
```

Border

The CSS property to change the border of an element to XYZ 55.1095, 42.7650, 25.7720 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, 144, 128) }
```


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

```
.border{ border-color:rgb(255, 144, 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, 144, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 144, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 144, 128);  
box-shadow:4px 4px 4px 4px rgb(255, 144,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1095, 42.7650, 25.7720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 144, 128) }
```

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

```
.background{ background-color: rgb(255,  
144, 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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