

Converting Colors

XYZ(56.4526, 47.1821, 20.8835)

Have a look what the booklet for
XYZ(56.4526, 47.1821, 20.8835)
contains.

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Color

**XYZ(56.4526, 47.1821,
20.8835)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9F6E
RGB	255, 159, 110
RGB Percent	100%, 62%, 43%
CMY	0.0000, 0.3764, 0.5686
CMYK	0.00, 0.38, 0.57, 0.00
HSL	20°, 100%, 72%
HSV	20°, 57%, 100%
XYZ	56.4526, 47.1821, 20.8835
YIQ	182.1180, 72.9450, 5.1130

Conversions

Conversions Part 2

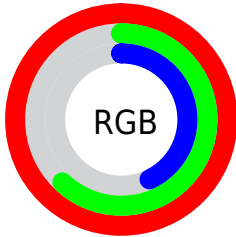
Format	Color
R _Y B	255, 184, 110
Decimal	16752494
CIE Lab	74.31, 31.04, 40.36
CIE LCh	74, 50.918, 52.435
Yxy	47.1821, 0.4534, 0.3789
Android (android.graphics.Color)	4294942574 (0xFFFF9F6E)
YUV	182.1180, -35.5542, 63.9175
Hunter-Lab	68.6892, 26.4950, 30.0566

Details

The XYZ color **56.4526, 47.1821, 20.8835** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **46.5503, 54.6746, 102.7070**, and the grayscale version is **44.6887, 47.0160, 51.2004**.

A 20% lighter version of the original color is **71.8082, 71.9618, 44.2877**, and **28.3481, 22.3216, 7.2293** is the 20% darker color. If you saturate the color by 10%, you get **52.5515, 41.2913, 13.6911**, and if you desaturate by 10%, it is **61.1519, 54.0304, 30.3131**.

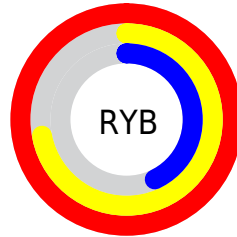
Distribution



Red (100%)

Green (62%)

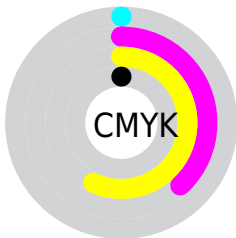
Blue (43%)



Red (100%)

Yellow (72%)

Blue (43%)

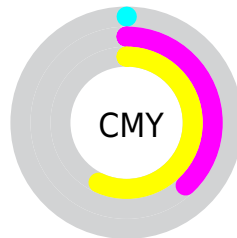


Cyan (0%)

Magenta (38%)

Yellow (57%)

Black (0%)



Cyan (0%)


Magenta (38%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.4526, 47.1821, 20.8835 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 56.4526, 47.1821, 20.8835 by changing the saturation by 10% instead.


 56.4526, 47.1821,
20.8835


 56.4526, 47.1821,
20.8835


401.4424,
375.5409, 269.4194

 40.8043, 33.1796,
12.8485


 98.8020, 85.9854,
45.7718


 28.3532, 22.2641,
7.1948


 126.2338,
111.5550, 63.4622

 18.7339, 14.0511,
3.5039


 158.3243,
141.7491, 85.2081

 11.5810, 8.1562,
1.3573

 195.4386,
176.9521, 111.4281

 6.5292, 4.1951,
0.1081

237.9422,
217.5484, 142.5406

 3.2132, 1.7833,
0.0000

286.2005,

 1.2675, 0.4767,

263.9223, 178.9644

0.0000

340.5788,
316.4584, 221.1178

■ 0.1587, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.4526, 47.1821,
20.8835

■ 56.4526, 47.1821,
20.8835

■ 52.5515, 41.2913,
13.6911

■ 61.1519, 54.0304,
30.3131

■ 49.3938, 36.3048,
8.5421

■ 66.6922, 61.8717,
42.1463

■ 46.9223, 32.1743,
5.2131

■ 73.1169, 70.7480,
56.5364

■ 45.0660, 28.8421,
3.4216

■ 80.4653, 80.6968,
73.6233

■ 44.5822, 27.9448,
3.0441

■ 88.7742, 91.7536,
93.5366

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.



63.1577, 47.1821, 34.4390



56.4526, 47.1821, 20.8835



47.2020, 47.1821, 15.8575

Triad

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



56.4526, 47.1821, 20.8835



29.5642, 47.1821, 45.0198



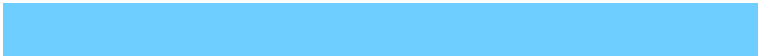
51.9024, 47.1821, 113.4599

Complementary

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



56.4526, 47.1821, 20.8835



46.5503, 54.6746, 102.7070

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.



42.5681, 47.1821, 119.2824



56.4526, 47.1821, 20.8835



30.4661, 47.1821, 73.1089

Square

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



56.4526, 47.1821, 20.8835



32.2918, 47.1821, 26.3651



34.9490, 47.1821, 102.5754



60.2914, 47.1821, 88.6338

Rectangle

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



56.4526, 47.1821, 20.8835



41.1613, 47.1821, 16.1996



34.9490, 47.1821, 102.5754



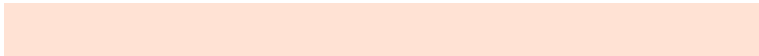
48.7426, 47.1821, 117.9830

Sweetspot

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



56.4537, 47.1845, 20.8844



80.3579, 80.5525, 73.3690



58.0377, 36.9008, 62.8818



16.8682, 16.7956, 14.9232



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.



56.4537, 47.1845, 20.8844



52.1559, 40.6793, 13.0060



72.5836, 79.4441, 26.2610



18.5111, 18.9903, 18.8342



23.4184, 14.8480, 1.6317



2.3764, 1.6382, 0.1910

Inverse Universe

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



46.5503, 54.6746, 102.7070



41.3241, 48.6543, 101.8209



33.0288, 27.6317, 98.1999



18.0075, 19.3866, 23.0428



16.9709, 18.8514, 52.1788



1.7535, 2.0378, 5.1142

Previews

White Background



This preview shows how the XYZ color 56.4526, 47.1821, 20.8835 looks on a white background.

Color Contrast Check

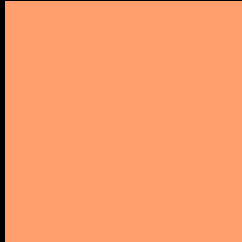
Large Text (above 18pt) WCAG AA × Fail

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 56.4526, 47.1821, 20.8835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

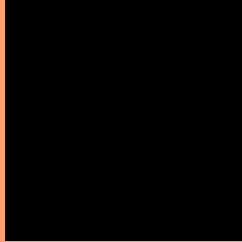
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.4526, 47.1821, 20.8835

Background



This preview shows how black text looks on a background with the XYZ color 56.4526, 47.1821, 20.8835.



This preview shows how white text looks on a background with the XYZ color 56.4526, 47.1821,

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

56.4526, 47.1821, 20.8835

Protanopia

43.8164, 47.3410, 24.2811

Deuteranopia

48.4152, 47.4095, 20.5091



Tritanopia

59.5871, 47.0878, 41.5456

Trichromacy



Original Color

56.4526, 47.1821, 20.8835

Protanomaly

47.5019, 46.5931, 23.0128

Deuteranomaly

51.1557, 47.1208, 20.5864

Tritanomaly

58.2393, 47.0813, 32.8061

Monochromacy



Original Color

56.4526, 47.1821, 20.8835

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

47.4313, 46.2277, 37.8754

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4526, 47.1821, 20.8835 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, 159, 110)` looks like.

```
.text, #text, p{  
    color:rgb(255, 159, 110)  
}
```

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, 159, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 159, 110) }
```

Border

The CSS property to change the border of an element to XYZ 56.4526, 47.1821, 20.8835 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, 159, 110) }
```


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

```
.border{ border-color:rgb(255, 159, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 159, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 159, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 159, 110);  
box-shadow:4px 4px 4px 4px rgb(255, 159,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4526, 47.1821, 20.8835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 159, 110) }
```

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

```
.background{ background-color: rgb(255,  
159, 110) }
```

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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