

Converting Colors

XYZ(76.3517, 55.9443, 26.3543)

Have a look what the booklet for
XYZ(76.3517, 55.9443, 26.3543)
contains.

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Color

**XYZ(56.3971, 45.5488,
25.5580)**

Conversions

Conversions Part 1

Format	Color
Hex	FF997E
RGB	255, 153, 126
RGB Percent	100%, 60%, 49%
CMY	0.0000, 0.4000, 0.5059
CMYK	0.00, 0.40, 0.51, 0.00
HSL	13°, 100%, 75%
HSV	13°, 51%, 100%
XYZ	56.3971, 45.5488, 25.5580
YIQ	180.4200, 69.4590, 13.2270

Conversions

Conversions Part 2

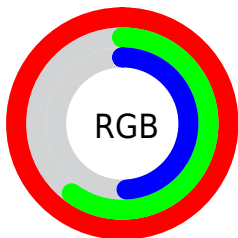
Format	Color
R_{YB}	255, 160, 126
Decimal	16750974
CIE _{Lab}	73.25, 35.45, 30.51
CIE _{LCh}	73, 46.770, 40.718
Yxy	45.5488, 0.4423, 0.3572
Android (android.graphics.Color)	4294941054 (0xFFFF997E)
YUV	180.4200, -26.8291, 65.4067
Hunter-Lab	67.4899, 31.0542, 24.7901

Details

The XYZ color **56.3971, 45.5488, 25.5580** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **54.3960, 67.1391, 104.6995**, and the grayscale version is **43.7230, 46.0000, 50.0940**.

A 20% lighter version of the original color is **71.9326, 69.6264, 52.2958**, and **28.4024, 21.2523, 9.6263** is the 20% darker color. If you saturate the color by 10%, you get **51.9308, 38.9226, 16.9600**, and if you desaturate by 10%, it is **61.8425, 53.4625, 36.5519**.

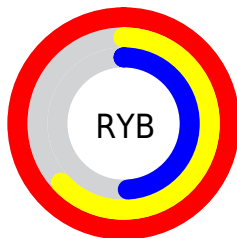
Distribution



Red (100%)

Green (60%)

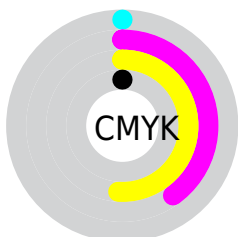
Blue (49%)



Red (100%)

Yellow (63%)

Blue (49%)

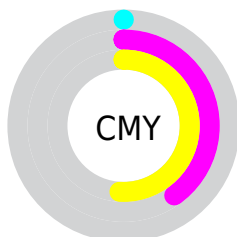


Cyan (0%)

Magenta (40%)

Yellow (51%)

Black (0%)



Cyan (0%)


Magenta (40%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.3971, 45.5488, 25.5580 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 56.3971, 45.5488, 25.5580 by changing the saturation by 10% instead.


 56.3971, 45.5488,
25.5580

 56.3971, 45.5488,
25.5580


401.2371,
368.9917, 294.1417


 40.7596, 31.8899,
16.2705


 98.7214, 83.5433,
53.5363

 28.3182, 21.2774,
9.5593


 126.1389,
108.6478, 73.0642

 18.7073, 13.3269,
5.0060


 158.2139,
138.3362, 96.8426

 11.5617, 7.6541,
2.1920

195.3116,
172.9930, 125.2901

 6.5161, 3.8744,
0.6697

237.7974,
213.0025, 158.8252

 3.2050, 1.6036,
0.0000

286.0367,

 1.2631, 0.3600,

258.7492, 197.8665

0.0000

340.3948,
310.6175, 242.8325

■ 0.1553, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.3971, 45.5488,
25.5580

■ 56.3971, 45.5488,
25.5580

■ 51.9308, 38.9226,
16.9600

■ 61.8425, 53.4625,
36.5519

■ 48.3798, 33.5078,
10.5746

■ 68.3188, 62.7204,
50.1011

■ 45.6774, 29.2311,
6.1962

■ 75.8781, 73.3842,
66.3541

■ 43.7455, 26.0074,
3.5785

■ 84.5678, 85.5098,
85.4475

■ 42.5305, 23.8413,
2.3602

94.4325, 99.1499,
107.5083

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.



60.7342, 45.5488, 41.6516



56.3971, 45.5488, 25.5580



48.7191, 45.5488, 17.9852

Triad

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



56.3971, 45.5488, 25.5580



30.0336, 45.5488, 36.1104



46.2961, 45.5488, 108.6169

Complementary

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



56.3971, 45.5488, 25.5580



54.3960, 67.1391, 104.6995

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.



38.2851, 45.5488, 105.6956



56.3971, 45.5488, 25.5580



29.5578, 45.5488, 58.4888

Square

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



56.3971, 45.5488, 25.5580



33.7878, 45.5488, 22.6097



32.3940, 45.5488, 85.3292



54.4315, 45.5488, 92.3714

Rectangle

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



56.3971, 45.5488, 25.5580



43.0953, 45.5488, 16.7274



32.3940, 45.5488, 85.3292



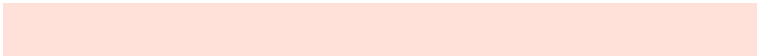
43.4908, 45.5488, 109.9466

Sweetspot

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



56.3982, 45.5511, 25.5589



80.5916, 79.9762, 76.6646



62.8717, 41.8503, 79.0394



16.8603, 16.5743, 15.5542



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.



56.3982, 45.5511, 25.5589



51.7669, 38.6759, 16.6543



69.6386, 72.0320, 29.9723



18.3174, 18.6031, 18.7696



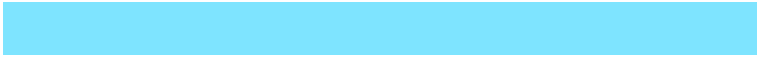
22.3089, 12.6290, 1.2618



2.2465, 1.3784, 0.1477

Inverse Universe

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



54.3960, 67.1391, 104.6995



49.4820, 62.3723, 104.0388



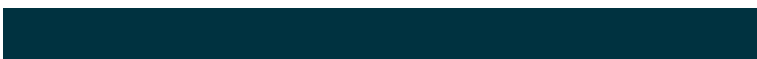
40.0555, 38.4582, 99.9194



18.2131, 19.7977, 23.1114



20.5322, 25.9741, 53.3659



2.0763, 2.6832, 5.2218

Previews

White Background



This preview shows how the XYZ color 56.3971, 45.5488, 25.5580 looks on a white background.

Color Contrast Check

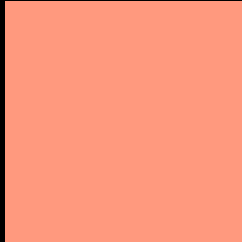
Large Text (above 18pt) WCAG AA × Fail

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 56.3971, 45.5488, 25.5580 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 56.3971, 45.5488, 25.5580

Background



This preview shows how black text looks on a background with the XYZ color 56.3971, 45.5488, 25.5580.



This preview shows how white text looks on a background with the XYZ color 56.3971, 45.5488,

25.5580.

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

56.3971, 45.5488, 25.5580

Protanopia

42.9010, 45.8150, 30.6268

Deuteranopia

46.5843, 45.5091, 24.7412



Tritanopia

58.4915, 45.6108, 38.9786

Trichromacy



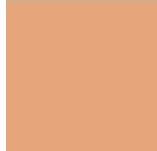
Original Color

56.3971, 45.5488, 25.5580



Protanomaly

46.9967, 45.0696, 28.7766



Deuteranomaly

49.6634, 45.1633, 24.8387



Tritanomaly

57.6519, 45.5313, 33.7668

Monochromacy



Original Color

56.3971, 45.5488, 25.5580



Achromatopsia

43.3819, 45.6411, 49.7032



Achromatomaly

46.4520, 44.5529, 39.4090

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3971, 45.5488, 25.5580 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, 153, 126)` looks like.

```
.text, #text, p{  
    color:rgb(255, 153, 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, 153, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 153, 126) }
```

Border

The CSS property to change the border of an element to XYZ 56.3971, 45.5488, 25.5580 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, 153, 126) }
```


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

```
.border{ border-color:rgb(255, 153, 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, 153, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 153, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 153, 126);  
box-shadow:4px 4px 4px 4px rgb(255, 153,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3971, 45.5488, 25.5580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 153, 126) }
```

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

```
.background{ background-color: rgb(255,  
153, 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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