

Converting Colors

XYZ(65.0426, 50.3927, 24.5179)

Have a look what the booklet for
XYZ(65.0426, 50.3927, 24.5179)
contains.

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Color

**XYZ(56.2468, 45.7517,
23.9556)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9A79
RGB	255, 154, 121
RGB Percent	100%, 60%, 47%
CMY	0.0000, 0.3960, 0.5255
CMYK	0.00, 0.40, 0.53, 0.00
HSL	15°, 100%, 74%
HSV	15°, 53%, 100%
XYZ	56.2468, 45.7517, 23.9556
YIQ	180.4370, 70.7890, 11.1490

Conversions

Conversions Part 2

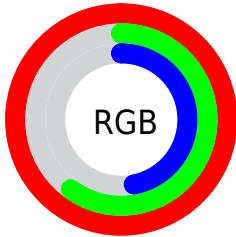
Format	Color
R _Y B	255, 165, 121
Decimal	16751225
CIE Lab	73.38, 34.50, 33.37
CIE LCh	73, 48.003, 44.044
Yxy	45.7517, 0.4466, 0.3632
Android (android.graphics.Color)	4294941305 (0xFFFF9A79)
YUV	180.4370, -29.3024, 65.3918
Hunter-Lab	67.6400, 30.0637, 26.3497

Details

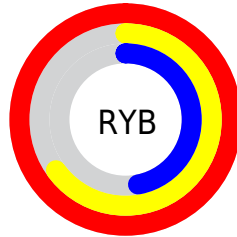
The XYZ color **56.2468, 45.7517, 23.9556** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **52.0549, 63.5243, 104.1252**, and the grayscale version is **43.7446, 46.0227, 50.1187**.

A 20% lighter version of the original color is **71.6804, 69.9169, 49.7617**, and **28.1692, 21.4400, 8.7845** is the 20% darker color. If you saturate the color by 10%, you get **51.9627, 39.3642, 15.8057**, and if you desaturate by 10%, it is **61.4542, 53.3248, 34.4528**.

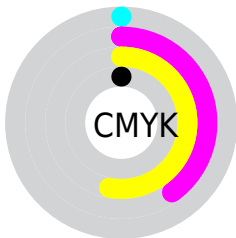
Distribution



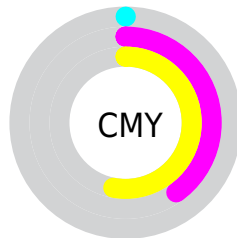
- Red (100%)
- Green (60%)
- Blue (47%)



- Red (100%)
- Yellow (65%)
- Blue (47%)



- Cyan (0%)
- Magenta (40%)
- Yellow (53%)
- Black (0%)





- Cyan (0%)
- Magenta (40%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.2468, 45.7517, 23.9556 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 56.2468, 45.7517, 23.9556 by changing the saturation by 10% instead.


 56.2468, 45.7517,
23.9556


 56.2468, 45.7517,
23.9556


400.6809,
369.8095, 285.8753


 40.6386, 32.0499,
15.0888

 98.5031, 83.8473,
50.9007

 28.2232, 21.3996,
8.7344


 125.8818,
109.0099, 69.8160

 18.6353, 13.4164,
4.4739


 157.9148,
138.7615, 92.9179

 11.5095, 7.7159,
1.8888

194.9674,
173.4866, 120.6250

 6.4804, 3.9137,
0.4856

237.4050,
213.5696, 153.3557

 3.1828, 1.6254,
0.0000

285.5928,

 1.2511, 0.3746,

259.3948, 191.5286

0.0000

339.8964,
311.3466, 235.5623

■ 0.1462, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.2468, 45.7517,
23.9556

■ 56.2468, 45.7517,
23.9556

■ 51.9627, 39.3642,
15.8057

■ 61.4542, 53.3248,
34.4528

■ 48.5412, 34.0939,
9.8170

■ 67.6339, 62.1336,
47.4587

■ 45.9189, 29.8754,
5.7789

■ 74.8350, 72.2333,
63.1232

■ 44.0205, 26.6331,
3.4367

■ 83.1025, 83.6740,
81.5837

■ 43.0069, 24.7940,
2.5190

■ 92.4783, 96.5029,
102.9680

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.



61.2366, 45.7517, 39.3520



56.2468, 45.7517, 23.9556



48.1087, 45.7517, 17.1247

Triad

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



56.2468, 45.7517, 23.9556



29.6551, 45.7517, 38.0835



47.5504, 45.7517, 109.9954

Complementary

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



56.2468, 45.7517, 23.9556



52.0549, 63.5243, 104.1252

Split Complementary

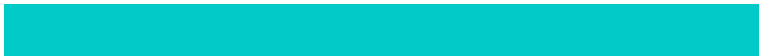
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



39.1686, 45.7517, 109.3149



56.2468, 45.7517, 23.9556



29.5465, 45.7517, 61.9873

Square

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



56.2468, 45.7517, 23.9556



33.1362, 45.7517, 23.2876



32.8172, 45.7517, 89.6919



55.7927, 45.7517, 91.3276

Rectangle

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



56.2468, 45.7517, 23.9556



42.3494, 45.7517, 16.3146



32.8172, 45.7517, 89.6919



44.6420, 45.7517, 112.1724

Sweetspot

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



56.2479, 45.7540, 23.9565



80.1260, 79.5709, 74.8880



61.4958, 40.3024, 74.8695



16.7836, 16.5243, 15.2094



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.



56.2479, 45.7540, 23.9565



51.7902, 39.1027, 15.4901



70.0923, 73.4428, 28.5712



18.3727, 18.7137, 18.7881



22.5696, 13.1505, 1.3487



2.2790, 1.4435, 0.1585

Inverse Universe

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



52.0549, 63.5243, 104.1252



47.1120, 58.4381, 103.4044



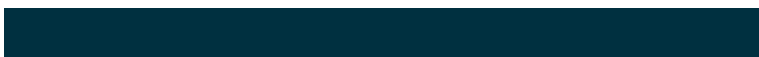
37.9474, 35.3092, 99.4227



18.1536, 19.6789, 23.0916



19.4263, 23.7622, 52.9973



1.9772, 2.4851, 5.1887

Previews

White Background



This preview shows how the XYZ color 56.2468, 45.7517, 23.9556 looks on a white background.

Color Contrast Check

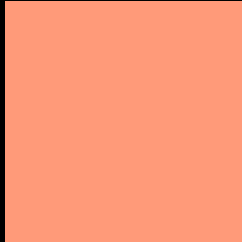
Large Text (above 18pt) WCAG AA × Fail

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 56.2468, 45.7517, 23.9556 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 56.2468, 45.7517, 23.9556

Background



This preview shows how black text looks on a background with the XYZ color 56.2468, 45.7517, 23.9556.



This preview shows how white text looks on a background with the XYZ color 56.2468, 45.7517,

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

56.2468, 45.7517, 23.9556

Protanopia

42.7343, 45.7778, 28.4135

Deuteranopia

46.7697, 45.9232, 23.2287



Tritanopia

58.5794, 45.6459, 39.4413

Trichromacy



Original Color

56.2468, 45.7517, 23.9556

Protanomaly

46.7781, 45.2833, 26.6971

Deuteranomaly

49.8612, 45.5694, 23.3073

Tritanomaly

57.4949, 45.4685, 32.9401

Monochromacy



Original Color

56.2468, 45.7517, 23.9556

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

46.5530, 44.8944, 39.0128

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2468, 45.7517, 23.9556 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, 154, 121)` looks like.

```
.text, #text, p{  
    color:rgb(255, 154, 121)  
}
```

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, 154, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 154, 121) }
```

Border

The CSS property to change the border of an element to XYZ 56.2468, 45.7517, 23.9556 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, 154, 121) }
```


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

```
.border{ border-color:rgb(255, 154, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 154, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 154, 121); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 154, 121); box-shadow:4px 4px 4px 4px rgb(255, 154, 121) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2468, 45.7517, 23.9556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 154, 121) }
```

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

```
.background{ background-color: rgb(255,  
154, 121) }
```

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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