

Converting Colors

XYZ(52.8775, 43.6768, 19.9868)

Have a look what the booklet for
XYZ(52.8775, 43.6768, 19.9868)
contains.

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Color

**XYZ(52.7000, 43.5171,
20.0900)**

Conversions

Conversions Part 1

Format	Color
Hex	F8986D
RGB	248, 152, 109
RGB Percent	97%, 60%, 43%
CMY	0.0275, 0.4039, 0.5725
CMYK	0.00, 0.39, 0.56, 0.03
HSL	19°, 91%, 70%
HSV	19°, 56%, 97%
XYZ	52.7000, 43.5171, 20.0900
YIQ	175.8020, 71.0190, 6.9790

Conversions

Conversions Part 2

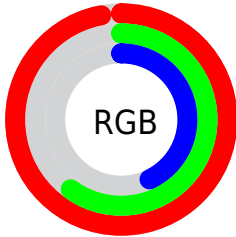
Format	Color
R _Y B	248, 171, 109
Decimal	16291949
CIE Lab	71.90, 31.87, 37.70
CIE LCh	72, 49.364, 49.793
Yxy	43.5171, 0.4531, 0.3742
Android (android.graphics.Color)	4294482029 (0xFFFF8986D)
YUV	175.8020, -32.9334, 63.3176
Hunter-Lab	65.9675, 27.1567, 28.1208

Details

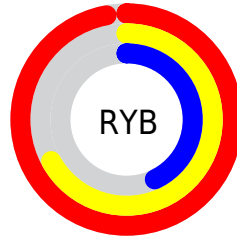
The XYZ color **52.7000, 43.5171, 20.0900** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **45.0799, 53.6883, 96.7936**, and the grayscale version is **41.3050, 43.4561, 47.3237**.

A 20% lighter version of the original color is **69.9858, 68.4589, 43.2434**, and **26.1118, 20.1320, 6.7846** is the 20% darker color. If you saturate the color by 10%, you get **48.9667, 37.8942, 13.1624**, and if you desaturate by 10%, it is **57.2134, 50.0979, 29.1361**.

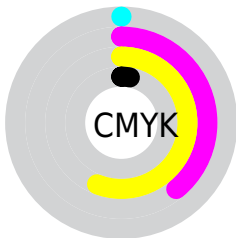
Distribution



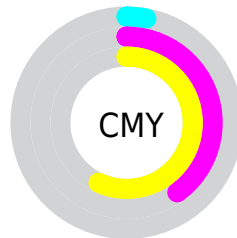
- Red (97%)
- Green (60%)
- Blue (43%)



- Red (97%)
- Yellow (67%)
- Blue (43%)



- Cyan (0%)
- Magenta (39%)
- Yellow (56%)
- Black (3%)





- Cyan (3%)
- Magenta (40%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.7000, 43.5171, 20.0900 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 52.7000, 43.5171, 20.0900 by changing the saturation by 10% instead.


 52.7000, 43.5171,
20.0900

 52.7000, 43.5171,
20.0900


387.4128,
360.7340, 265.0223


 37.7899, 30.2911,
12.2758

 93.3309, 80.4906,
44.4290


 25.9961, 20.0596,
6.8070


 119.7824,
105.0068, 61.7908

 16.9534, 12.4384,
3.2651


 150.8117,
134.0553, 83.1722

 10.2964, 7.0430,
1.2315

 186.7841,
168.0203, 108.9918

 5.6597, 3.4890,
0.0047

228.0651,
207.2863, 139.6680

 2.6779, 1.3920,
0.0000

275.0200,

 0.9858, 0.2108,

252.2376, 175.6195

0.0000

328.0141,
303.2588, 217.2647

■ 0.0000, 0.0000,
0.0000

■ 52.7000, 43.5171,
20.0900

■ 52.7000, 43.5171,
20.0900

■ 48.9667, 37.8942,
13.1624

■ 57.2134, 50.0979,
29.1361

■ 45.9606, 33.1752,
8.1735

■ 62.5487, 57.6736,
40.4552

■ 43.6262, 29.3103,
4.9174

■ 68.7480, 66.2873,
54.1904

■ 41.8966, 26.2411,
3.1383

■ 75.8497, 75.9774,
70.4718

■ 41.3463, 25.2265,
2.6900

■ 83.8897, 86.7803,
89.4205

92.4475, 98.5488,
108.7571

92.5213, 98.6964,
108.7817

Harmonies

Analogous

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



58.5135, 43.5171, 33.3706



52.7000, 43.5171, 20.0900



44.2930, 43.5171, 14.8625

Triad

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



52.7000, 43.5171, 20.0900



27.4043, 43.5171, 39.6429



47.0809, 43.5171, 105.6601

Complementary

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



52.7000, 43.5171, 20.0900



45.0799, 53.6883, 96.7936

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.



38.5626, 43.5171, 109.1150



52.7000, 43.5171, 20.0900



27.9392, 43.5171, 64.8531

Square

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



52.7000, 43.5171, 20.0900



30.2031, 43.5171, 23.3386



31.7788, 43.5171, 92.2662



54.9772, 43.5171, 83.9953

Rectangle

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



52.7000, 43.5171, 20.0900



38.6725, 43.5171, 14.8357



31.7788, 43.5171, 92.2662



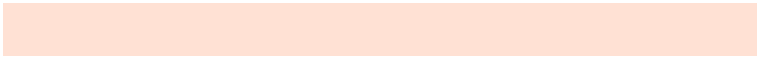
44.1728, 43.5171, 109.2163

Sweetspot

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



52.7010, 43.5193, 20.0908



80.0216, 79.8800, 73.2569



55.3571, 35.3648, 62.4923



16.7894, 16.6379, 14.8969



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.



52.7010, 43.5193, 20.0908



51.7933, 39.7968, 13.3701



67.1174, 72.3520, 24.8963



17.6826, 18.1011, 18.0243



22.4444, 13.8454, 1.4895



2.1686, 1.4620, 0.1679

Inverse Universe

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



45.0799, 53.6883, 96.7936



42.8729, 51.4183, 102.2728



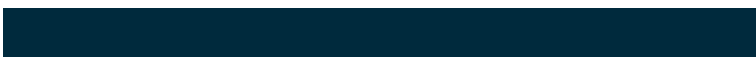
32.1675, 27.8634, 92.4894



17.2862, 18.6492, 22.0739



17.1776, 19.7108, 50.8728



1.6851, 2.0139, 4.7431

Previews

White Background



This preview shows how the XYZ color 52.7000, 43.5171, 20.0900 looks on a white background.

Color Contrast Check

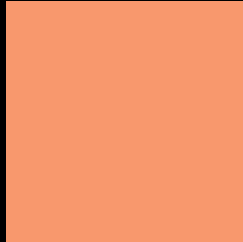
Large Text (above 18pt) WCAG AA × Fail

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 52.7000, 43.5171, 20.0900 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 52.7000, 43.5171, 20.0900

Background



This preview shows how black text looks on a background with the XYZ color 52.7000, 43.5171, 20.0900.



This preview shows how white text looks on a background with the XYZ color 52.7000, 43.5171,

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

52.7000, 43.5171, 20.0900

Protanopia

40.5378, 43.8526, 23.7806

Deuteranopia

44.5210, 43.7127, 19.7265



Tritanopia

56.1483, 43.5013, 37.3355

Trichromacy



Original Color

52.7000, 43.5171, 20.0900

Protanomaly

44.2485, 43.2401, 22.2337

Deuteranomaly

47.1151, 43.4247, 19.8085

Tritanomaly

54.7479, 43.3973, 30.3019

Monochromacy



Original Color

52.7000, 43.5171, 20.0900

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

43.8433, 42.4610, 35.5908

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7000, 43.5171, 20.0900 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(248, 152, 109)` looks like.

```
.text, #text, p{  
    color:rgb(248, 152, 109)  
}
```

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(248, 152, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 152, 109) }
```

Border

The CSS property to change the border of an element to XYZ 52.7000, 43.5171, 20.0900 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(248, 152, 109) }
```


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

```
.border{ border-color:rgb(248, 152, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 152, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 152, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 152, 109);  
box-shadow:4px 4px 4px 4px rgb(248, 152,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7000, 43.5171, 20.0900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 152, 109) }
```

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

```
.background{ background-color: rgb(248,  
152, 109) }
```

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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