

Converting Colors

XYZ(52.2029, 43.3264, 20.6042)

Have a look what the booklet for
XYZ(52.2029, 43.3264, 20.6042)
contains.

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Color

**XYZ(52.1035, 43.1970,
20.6306)**

Conversions

Conversions Part 1

Format	Color
Hex	F6986F
RGB	246, 152, 111
RGB Percent	96%, 60%, 44%
CMY	0.0353, 0.4039, 0.5647
CMYK	0.00, 0.38, 0.55, 0.04
HSL	18°, 88%, 70%
HSV	18°, 55%, 96%
XYZ	52.1035, 43.1970, 20.6306
YIQ	175.4320, 69.1850, 7.1770

Conversions

Conversions Part 2

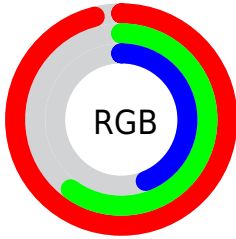
Format	Color
R _Y B	246, 170, 111
Decimal	16160879
CIE Lab	71.69, 31.24, 36.32
CIE LCh	72, 47.905, 49.294
Yxy	43.1970, 0.4494, 0.3726
Android (android.graphics.Color)	4294350959 (0xFFFF6986F)
YUV	175.4320, -31.7650, 61.8881
Hunter-Lab	65.7244, 26.4894, 27.3962

Details

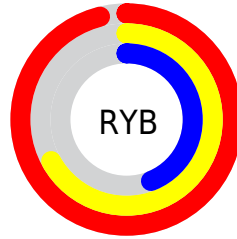
The XYZ color **52.1035, 43.1970, 20.6306** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **45.0201, 53.6932, 95.1794**, and the grayscale version is **41.1071, 43.2478, 47.0969**.

A 20% lighter version of the original color is **70.1637, 68.5300, 44.1799**, and **25.6764, 19.9012, 7.0455** is the 20% darker color. If you saturate the color by 10%, you get **48.3489, 37.5654, 13.5917**, and if you desaturate by 10%, it is **56.6345, 49.7851, 29.7688**.

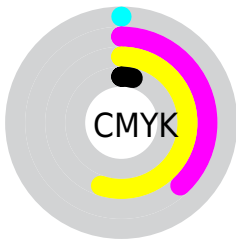
Distribution



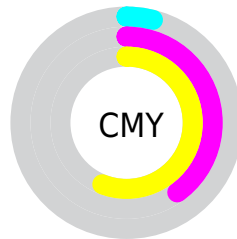
- Red (96%)
- Green (60%)
- Blue (44%)



- Red (96%)
- Yellow (67%)
- Blue (44%)



- Cyan (0%)
- Magenta (38%)
- Yellow (55%)
- Black (4%)




- Cyan (4%)
- Magenta (40%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.1035, 43.1970, 20.6306 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 52.1035, 43.1970, 20.6306 by changing the saturation by 10% instead.


 52.1035, 43.1970,
20.6306


 52.1035, 43.1970,
20.6306


385.1534,
359.4213, 268.0250

 37.3122, 30.0397,
12.6656


 92.4572, 80.0081,
45.3447


 25.6241, 19.8687,
7.0707


 118.7503,
104.4306, 62.9310

 16.6738, 12.2997,
3.4272


 149.6080,
133.3771, 84.5614

 10.0961, 6.9481,
1.3167

 185.3957,
167.2318, 110.6545

 5.5255, 3.4297,
0.0754

226.4787,
206.3792, 141.6289

 2.5966, 1.3600,
0.0000

273.2225,

 0.9442, 0.1869,

251.2036, 177.9031

0.0000

325.9922,
302.0895, 219.8956

■ 0.0000, 0.0000,
0.0000

■ 52.1035, 43.1970,
20.6306

■ 52.1035, 43.1970,
20.6306

■ 48.3489, 37.5654,
13.5917

■ 56.6345, 49.7851,
29.7688

■ 45.3191, 32.8368,
8.4785

■ 61.9829, 57.3663,
41.1561

■ 42.9602, 28.9620,
5.0929

■ 68.1900, 65.9835,
54.9311

■ 41.2073, 25.8835,
3.1916

■ 75.2936, 75.6748,
71.2207

■ 40.5031, 24.5873,
2.6111

■ 83.3288, 86.4763,
90.1425

91.7436, 98.1882,
108.7246

91.8159, 98.3327,
108.7486

Harmonies

Analogous

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



57.6248, 43.1970, 33.7540



52.1035, 43.1970, 20.6306



44.0263, 43.1970, 15.3611

Triad

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



52.1035, 43.1970, 20.6306



27.5490, 43.1970, 39.2079



46.4347, 43.1970, 103.1105

Complementary

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



52.1035, 43.1970, 20.6306



45.0201, 53.6932, 95.1794

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.



38.2251, 43.1970, 106.0626



52.1035, 43.1970, 20.6306



28.0153, 43.1970, 63.4076

Square

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



52.1035, 43.1970, 20.6306



30.3237, 43.1970, 23.4862



31.6946, 43.1970, 89.7199



54.0653, 43.1970, 82.6332

Rectangle

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



52.1035, 43.1970, 20.6306



38.5874, 43.1970, 15.2706



31.6946, 43.1970, 89.7199



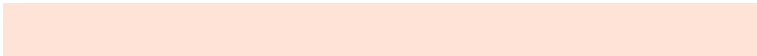
43.6307, 43.1970, 106.3919

Sweetspot

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



52.1045, 43.1992, 20.6314



80.7610, 80.8410, 75.0996



54.7704, 35.3939, 62.0196



16.9336, 16.8243, 15.2594



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.



52.1045, 43.1992, 20.6314



52.0109, 40.0688, 13.9455



66.2067, 71.4034, 25.3321



16.9095, 17.3032, 17.2462



21.7268, 13.3392, 1.4296



1.9963, 1.3458, 0.1545

Inverse Universe

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



45.0201, 53.6932, 95.1794



43.5167, 52.3601, 102.4207



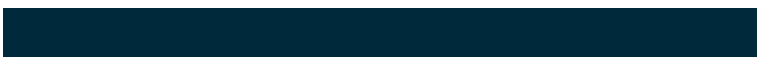
32.2788, 28.2106, 90.9323



16.5471, 17.8585, 21.1175



16.8094, 19.4125, 49.3991



1.5676, 1.8866, 4.3718

Previews

White Background



This preview shows how the XYZ color 52.1035, 43.1970, 20.6306 looks on a white background.

Color Contrast Check

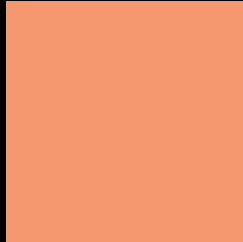
Large Text (above 18pt) WCAG AA × Fail

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 52.1035, 43.1970, 20.6306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

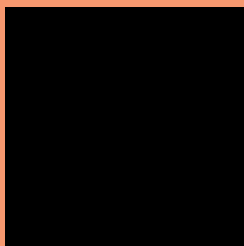
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.1035, 43.1970, 20.6306

Background



This preview shows how black text looks on a background with the XYZ color 52.1035, 43.1970, 20.6306.



This preview shows how white text looks on a background with the XYZ color 52.1035, 43.1970,

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

52.1035, 43.1970, 20.6306

Protanopia

40.2117, 43.3783, 24.3426

Deuteranopia

44.1500, 43.2341, 20.2054



Tritanopia

55.4316, 43.1318, 37.3020

Trichromacy



Original Color

52.1035, 43.1970, 20.6306

Protanomaly

43.6079, 42.6234, 22.7584

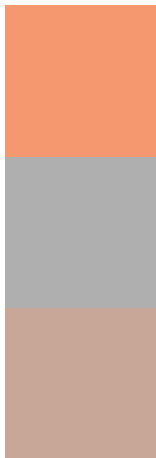
Deuteranomaly

46.7320, 42.9523, 20.2956

Tritanomaly

54.0349, 43.0297, 30.2686

Monochromacy



Original Color

52.1035, 43.1970, 20.6306

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

43.5736, 42.3219, 35.5781

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1035, 43.1970, 20.6306 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(246, 152, 111)` looks like.

```
.text, #text, p{  
    color:rgb(246, 152, 111)  
}
```

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(246, 152, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 152, 111) }
```

Border

The CSS property to change the border of an element to XYZ 52.1035, 43.1970, 20.6306 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(246, 152, 111) }
```


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

```
.border{ border-color:rgb(246, 152, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 152, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 152, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 152, 111);  
box-shadow:4px 4px 4px 4px rgb(246, 152,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1035, 43.1970, 20.6306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 152, 111) }
```

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

```
.background{ background-color: rgb(246,  
152, 111) }
```

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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