

Converting Colors

XYZ(53.0749, 43.9172, 19.0275)

Have a look what the booklet for
XYZ(53.0749, 43.9172, 19.0275)
contains.

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Color

**XYZ(53.0080, 43.9421,
19.0525)**

Conversions

Conversions Part 1

Format	Color
Hex	F99969
RGB	249, 153, 105
RGB Percent	98%, 60%, 41%
CMY	0.0235, 0.4000, 0.5882
CMYK	0.00, 0.39, 0.58, 0.02
HSL	20°, 92%, 69%
HSV	20°, 58%, 98%
XYZ	53.0080, 43.9421, 19.0525
YIQ	176.2320, 72.6240, 5.4240

Conversions

Conversions Part 2

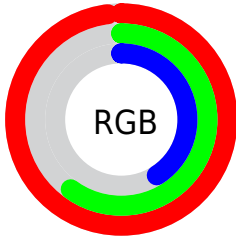
Format	Color
R_{YB}	249, 177, 105
Decimal	16357737
CIE _{Lab}	72.19, 31.44, 40.19
CIE _{LCh}	72, 51.021, 51.966
Yxy	43.9421, 0.4570, 0.3788
Android (android.graphics.Color)	4294547817 (0xFFFF99969)
YUV	176.2320, -35.1174, 63.8175
Hunter-Lab	66.2888, 26.7324, 29.3613

Details

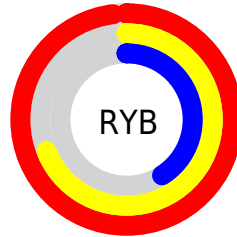
The XYZ color **53.0080, 43.9421, 19.0525** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **43.8101, 51.6137, 97.2756**, and the grayscale version is **41.5400, 43.7033, 47.5929**.

A 20% lighter version of the original color is **69.8817, 68.8061, 41.4960**, and **26.1065, 20.2843, 6.2807** is the 20% darker color. If you saturate the color by 10%, you get **49.3802, 38.4438, 12.4269**, and if you desaturate by 10%, it is **57.3904, 50.3506, 27.7784**.

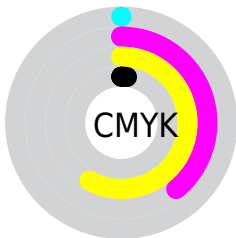
Distribution



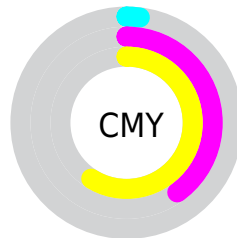
- Red (98%)
- Green (60%)
- Blue (41%)



- Red (98%)
- Yellow (69%)
- Blue (41%)



- Cyan (0%)
- Magenta (39%)
- Yellow (58%)
- Black (2%)





- Cyan (2%)
- Magenta (40%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.0080, 43.9421, 19.0525 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 53.0080, 43.9421, 19.0525 by changing the saturation by 10% instead.


 53.0080, 43.9421,
19.0525


 53.0080, 43.9421,
19.0525


388.5762,
362.4720, 259.1708

 38.0367, 30.6250,
11.5310

 93.7816, 81.1306,
42.6607


 26.1885, 20.3135,
6.3066


 120.3146,
105.7708, 59.5844

 17.0981, 12.6231,
2.9606


 151.4321,
134.9541, 80.4794

 10.4002, 7.1695,
1.0745

 187.4996,
169.0650, 105.7641

 5.7294, 3.5684,
0.0000

228.8824,
208.4879, 135.8570

 2.7203, 1.4352,
0.0000

275.9459,

 1.0077, 0.2424,

253.6070, 171.1768

0.0000

329.0553,
304.8069, 212.1418

■ 0.0000, 0.0000,
0.0000

■ 53.0080, 43.9421,
19.0525

■ 53.0080, 43.9421,
19.0525

■ 49.3802, 38.4438,
12.4269

■ 57.3904, 50.3506,
27.7784

■ 46.4547, 33.8045,
7.7163

■ 62.5686, 57.7038,
38.7633

■ 44.1762, 29.9773,
4.7065

■ 68.5843, 66.0421,
52.1535

■ 42.4732, 26.9051,
3.1097

■ 75.4749, 75.4017,
68.0819

■ 42.1608, 26.3277,
2.8596

■ 83.2758, 85.8168,
86.6717

92.0200, 97.3199,
108.0381

92.8768, 98.8797,
108.7983

Harmonies

Analogous

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



59.3843, 43.9421, 31.9963



53.0080, 43.9421, 19.0525



44.1606, 43.9421, 14.2451

Triad

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



53.0080, 43.9421, 19.0525



27.2284, 43.9421, 41.4245



48.3773, 43.9421, 107.8554

Complementary

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



53.0080, 43.9421, 19.0525



43.8101, 51.6137, 97.2756

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.



39.4589, 43.9421, 113.1376



53.0080, 43.9421, 19.0525



28.0299, 43.9421, 68.2171

Square

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



53.0080, 43.9421, 19.0525



29.8705, 43.9421, 23.8824



32.2371, 43.9421, 96.6910



56.4615, 43.9421, 84.0791

Rectangle

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



53.0080, 43.9421, 19.0525



38.3751, 43.9421, 14.5024



32.2371, 43.9421, 96.6910



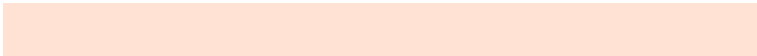
45.3503, 43.9421, 112.1223

Sweetspot

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



53.0090, 43.9443, 19.0533



80.3036, 80.4439, 73.3509



54.6612, 34.4603, 59.0291



16.8555, 16.7701, 14.9189



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.



53.0090, 43.9443, 19.0533



51.6996, 39.9182, 12.3868



68.5419, 75.0101, 24.2309



17.7173, 18.1705, 18.0359



22.6843, 14.3253, 1.5695



2.1941, 1.5131, 0.1764

Inverse Universe

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



43.8101, 51.6137, 97.2756



41.0960, 48.5192, 101.8069



30.7752, 25.5438, 92.9307



17.2498, 18.5765, 22.0617



16.5871, 18.5298, 50.6759



1.6337, 1.9110, 4.7259

Previews

White Background



This preview shows how the XYZ color 53.0080, 43.9421, 19.0525 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 53.0080, 43.9421, 19.0525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

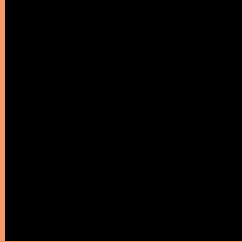
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.0080, 43.9421, 19.0525

Background



This preview shows how black text looks on a background with the XYZ color 53.0080, 43.9421, 19.0525.

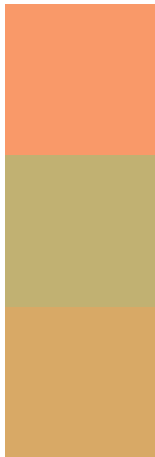


This preview shows how white text looks on a background with the XYZ color 53.0080, 43.9421,

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

53.0080, 43.9421, 19.0525

Protanopia

40.7517, 43.9966, 22.2639

Deuteranopia

44.9051, 43.9342, 18.6838



Tritanopia

56.8727, 43.8747, 37.3694

Trichromacy



Original Color

53.0080, 43.9421, 19.0525

Protanomaly

44.3124, 43.2991, 21.0610

Deuteranomaly

47.5403, 43.6676, 18.7550

Tritanomaly

55.4798, 44.0253, 29.6184

Monochromacy



Original Color

53.0080, 43.9421, 19.0525

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

44.1363, 42.9038, 34.8092

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0080, 43.9421, 19.0525 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(249, 153, 105)` looks like.

```
.text, #text, p{  
    color:rgb(249, 153, 105)  
}
```

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(249, 153, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 153, 105) }
```

Border

The CSS property to change the border of an element to XYZ 53.0080, 43.9421, 19.0525 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(249, 153, 105) }
```


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

```
.border{ border-color:rgb(249, 153, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 153, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 153, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 153, 105);  
box-shadow:4px 4px 4px 4px rgb(249, 153,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0080, 43.9421, 19.0525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 153, 105) }
```

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

```
.background{ background-color: rgb(249,  
153, 105) }
```

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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