

Converting Colors

XYZ(53.6391, 43.6572, 18.9604)

Have a look what the booklet for
XYZ(53.6391, 43.6572, 18.9604)
contains.

XYZ(53.6010, 43.5281, 18.9413)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(53.6010, 43.5281,
18.9413)**

Conversions

Conversions Part 1

Format	Color
Hex	FC9669
RGB	252, 150, 105
RGB Percent	99%, 59%, 41%
CMY	0.0118, 0.4117, 0.5882
CMYK	0.00, 0.40, 0.58, 0.01
HSL	18°, 96%, 70%
HSV	18°, 58%, 99%
XYZ	53.6010, 43.5281, 18.9413
YIQ	175.3680, 75.2370, 7.6290

Conversions

Conversions Part 2

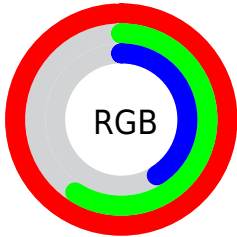
Format	Color
R _Y B	252, 170, 105
Decimal	16553577
CIE Lab	71.91, 34.16, 39.93
CIE LCh	72, 52.546, 49.448
Yxy	43.5281, 0.4618, 0.3750
Android (android.graphics.Color)	4294743657 (0xFFFC9669)
YUV	175.3680, -34.6914, 67.2063
Hunter-Lab	65.9758, 29.5618, 29.1612

Details

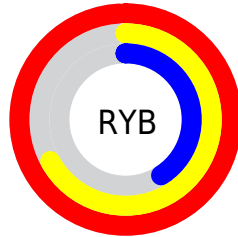
The XYZ color **53.6010, 43.5281, 18.9413** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **45.7077, 54.6540, 100.2351**, and the grayscale version is **41.0864, 43.2261, 47.0732**.

A 20% lighter version of the original color is **69.1571, 67.3570, 41.2545**, and **26.5673, 20.0973, 6.2203** is the 20% darker color. If you saturate the color by 10%, you get **49.9076, 37.9163, 12.2392**, and if you desaturate by 10%, it is **58.0965, 50.1305, 27.8042**.

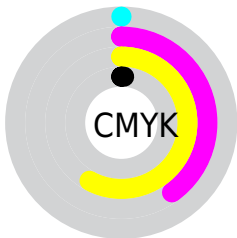
Distribution



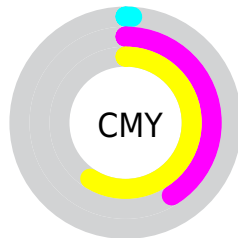
- Red (99%)
- Green (59%)
- Blue (41%)



- Red (99%)
- Yellow (67%)
- Blue (41%)



- Cyan (0%)
- Magenta (40%)
- Yellow (58%)
- Black (1%)





- Cyan (1%)
- Magenta (41%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.6010, 43.5281, 18.9413 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 53.6010, 43.5281, 18.9413 by changing the saturation by 10% instead.


 53.6010, 43.5281,
18.9413


 53.6010, 43.5281,
18.9413


390.8099,
360.7791, 258.5364

 38.5122, 30.2997,
11.4515


 94.6485, 80.5072,
42.4703

 26.5594, 20.0662,
6.2534


 121.3378,
105.0266, 59.3465

 17.3775, 12.4432,
2.9285


 152.6247,
134.0786, 80.1886

 10.6010, 7.0462,
1.0582

 188.8745,
168.0474, 105.4152

 5.8645, 3.4910,
0.0000

230.4526,
207.3174, 135.4447

 2.8027, 1.3931,
0.0000

277.7243,

 1.0503, 0.2117,

252.2731, 170.6957

0.0000

331.0549,
303.2989, 211.5868

■ 0.0000, 0.0000,
0.0000

■ 53.6010, 43.5281,
18.9413

■ 53.6010, 43.5281,
18.9413

■ 49.9076, 37.9163,
12.2392

■ 58.0965, 50.1305,
27.8042

■ 46.9598, 33.2376,
7.5050

■ 63.4388, 57.7635,
38.9933

■ 44.6974, 29.4381,
4.5149

■ 69.6731, 66.4729,
52.6603

■ 43.0414, 26.4520,
2.9579

■ 76.8400, 76.2997,
68.9435

■ 42.8093, 26.0246,
2.7670

■ 84.9775, 87.2827,
87.9707

93.9274, 99.3809,
108.8397

93.9546, 99.4353,
108.8487

Harmonies

Analogous

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



59.8160, 43.5281, 32.8046



53.6010, 43.5281, 18.9413



44.6048, 43.5281, 13.5755

Triad

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



53.6010, 43.5281, 18.9413



26.6538, 43.5281, 38.9288



47.3712, 43.5281, 110.7236

Complementary

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



53.6010, 43.5281, 18.9413



45.7077, 54.6540, 100.2351

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.



38.2996, 43.5281, 114.2441



53.6010, 43.5281, 18.9413



27.1725, 43.5281, 65.7734

Square

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



53.6010, 43.5281, 18.9413



29.6243, 43.5281, 22.0284



31.1609, 43.5281, 95.5787



55.8758, 43.5281, 87.2068

Rectangle

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



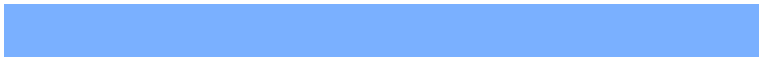
53.6010, 43.5281, 18.9413



38.6108, 43.5281, 13.5040



31.1609, 43.5281, 95.5787



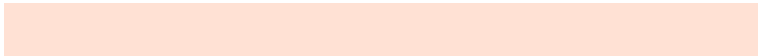
44.2622, 43.5281, 114.5409

Sweetspot

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



53.6020, 43.5303, 18.9421



79.9838, 79.8043, 73.2443



56.5692, 35.3479, 63.4513



16.7805, 16.6201, 14.8940



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.



53.6020, 43.5303, 18.9421



50.6985, 38.0619, 11.6036



68.9754, 74.2770, 24.0665



17.6780, 18.0918, 18.0227



22.4136, 13.7838, 1.4792



2.1653, 1.4554, 0.1668

Inverse Universe

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



45.7077, 54.6540, 100.2351



41.8056, 50.2475, 102.1031



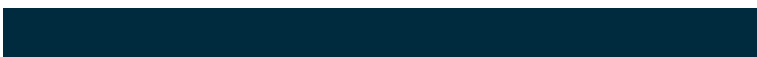
31.9771, 27.1929, 95.6582



17.2911, 18.6591, 22.0755



17.2592, 19.8739, 50.8999



1.6922, 2.0280, 4.7454

Previews

White Background



This preview shows how the XYZ color 53.6010, 43.5281, 18.9413 looks on a white background.

Color Contrast Check

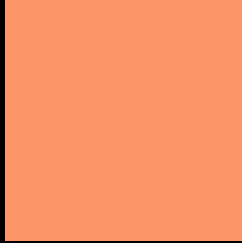
Large Text (above 18pt) WCAG AA × Fail

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 53.6010, 43.5281, 18.9413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

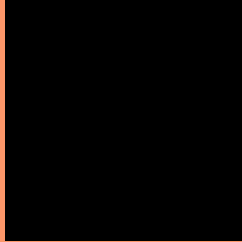
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.6010, 43.5281, 18.9413

Background



This preview shows how black text looks on a background with the XYZ color 53.6010, 43.5281, 18.9413.



This preview shows how white text looks on a background with the XYZ color 53.6010, 43.5281,

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

53.6010, 43.5281, 18.9413

Protanopia

40.5549, 43.8886, 22.5535

Deuteranopia

44.5613, 43.7626, 18.4103



Tritanopia

57.0460, 43.5396, 35.9692

Trichromacy



Original Color

53.6010, 43.5281, 18.9413

Protanomaly

44.4195, 43.0813, 21.0133

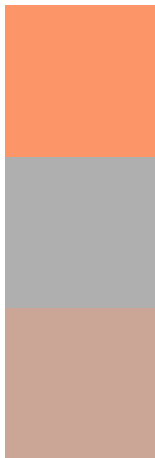
Deuteranomaly

47.3135, 43.2940, 18.4332

Tritanomaly

55.5959, 43.4062, 28.7406

Monochromacy



Original Color

53.6010, 43.5281, 18.9413

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

43.7698, 42.1710, 34.6870

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6010, 43.5281, 18.9413 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(252, 150, 105)` looks like.

```
.text, #text, p{  
    color:rgb(252, 150, 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(252, 150, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 150, 105) }
```

Border

The CSS property to change the border of an element to XYZ 53.6010, 43.5281, 18.9413 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(252, 150, 105) }
```


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

```
.border{ border-color:rgb(252, 150, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 150, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 150, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 150, 105);  
box-shadow:4px 4px 4px 4px rgb(252, 150,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6010, 43.5281, 18.9413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 150, 105) }
```

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

```
.background{ background-color: rgb(252,  
150, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor