

Converting Colors

XYZ(53.8641, 42.5103, 18.4631)

Have a look what the booklet for
XYZ(53.8641, 42.5103, 18.4631)
contains.

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Color

**XYZ(53.8641, 42.5103,
18.4631)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9168
RGB	255, 145, 104
RGB Percent	100%, 57%, 41%
CMY	0.0000, 0.4313, 0.5922
CMYK	0.00, 0.43, 0.59, 0.00
HSL	16°, 100%, 70%
HSV	16°, 59%, 100%
XYZ	53.8641, 42.5103, 18.4631
YIQ	173.2160, 78.7210, 10.5690

Conversions

Conversions Part 2

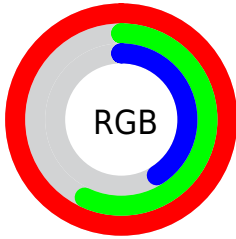
Format	Color
R_{YB}	255, 160, 104
Decimal	16748904
CIE _{Lab}	71.22, 37.81, 39.68
CIE _{LCh}	71, 54.814, 46.381
Yxy	42.5103, 0.4690, 0.3702
Android (android.graphics.Color)	4294938984 (0xFFFF9168)
YUV	173.2160, -34.1235, 71.7246
Hunter-Lab	65.1999, 33.3657, 28.8504

Details

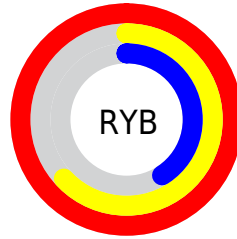
The XYZ color **53.8641, 42.5103, 18.4631** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **47.8039, 58.2529, 103.3316**, and the grayscale version is **39.9725, 42.0542, 45.7970**.

A 20% lighter version of the original color is **67.8950, 64.9689, 40.4143**, and **26.8763, 19.5836, 6.1048** is the 20% darker color. If you saturate the color by 10%, you get **50.1493, 36.8497, 11.7720**, and if you desaturate by 10%, it is **58.4365, 49.2600, 27.3723**.

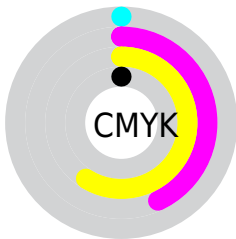
Distribution



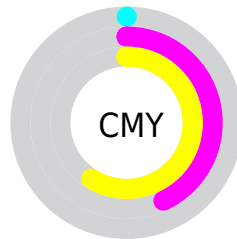
- Red (100%)
- Green (57%)
- Blue (41%)



- Red (100%)
- Yellow (63%)
- Blue (41%)



- Cyan (0%)
- Magenta (43%)
- Yellow (59%)
- Black (0%)





- Cyan (0%)
- Magenta (43%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.8641, 42.5103, 18.4631 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 53.8641, 42.5103, 18.4631 by changing the saturation by 10% instead.


 53.8641, 42.5103,
18.4631


 53.8641, 42.5103,
18.4631


391.7984,
356.5940, 255.7917


 38.7233, 29.5011,
11.1101

 95.0327, 78.9714,
41.6494

 26.7243, 19.4602,
6.0258


 121.7913,
103.1920, 58.3198

 17.5018, 12.0033,
2.7918


 153.1530,
131.9185, 78.9331

 10.6904, 6.7459,
0.9893

 189.4834,
165.5354, 103.9078

 5.9248, 3.3037,
0.0000

231.1478,
204.4270, 133.6625

 2.8396, 1.2923,
0.0000

278.5115,

 1.0695, 0.1352,

248.9777, 168.6157

0.0000

331.9399,
299.5719, 209.1859

■ 0.0000, 0.0000,
0.0000

■ 53.8641, 42.5103,
18.4631

■ 53.8641, 42.5103,
18.4631

■ 50.1493, 36.8497,
11.7720

■ 58.4365, 49.2600,
27.3723

■ 47.2300, 32.2120,
7.0966

■ 63.9165, 57.1470,
38.6727

■ 45.0394, 28.5332,
4.2012

■ 70.3536, 66.2244,
52.5229

■ 43.4854, 25.7336,
2.7326

■ 77.7924, 76.5399,
69.0670

■ 43.3833, 25.5469,
2.6445

■ 86.2749, 88.1385,
88.4384

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.



59.8428, 42.5103, 33.4292



53.8641, 42.5103, 18.4631



44.7106, 42.5103, 12.4636

Triad

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



53.8641, 42.5103, 18.4631



25.5475, 42.5103, 35.3622



45.5967, 42.5103, 113.8073

Complementary

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



53.8641, 42.5103, 18.4631



47.8039, 58.2529, 103.3316

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.



36.3846, 42.5103, 114.9615



53.8641, 42.5103, 18.4631



25.7103, 42.5103, 62.0785

Square

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



53.8641, 42.5103, 18.4631



28.9134, 42.5103, 19.4138



29.3980, 42.5103, 93.4478



54.5970, 42.5103, 90.7192

Rectangle

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



53.8641, 42.5103, 18.4631



38.4723, 42.5103, 12.0066



29.3980, 42.5103, 93.4478



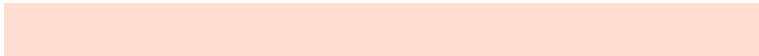
42.4009, 42.5103, 117.0085

Sweetspot

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



53.8651, 42.5125, 18.4639



78.7669, 77.8801, 71.2674



58.4218, 36.0534, 67.9903



16.3655, 15.9895, 14.1412



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.



53.8651, 42.5125, 18.4639



49.5718, 35.9487, 10.7958



69.2705, 73.3234, 23.5990



18.4107, 18.7895, 18.8007



22.7740, 13.5592, 1.4169



2.3035, 1.4923, 0.1666

Inverse Universe

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



47.8039, 58.2529, 103.3316



42.9013, 52.7361, 102.5257



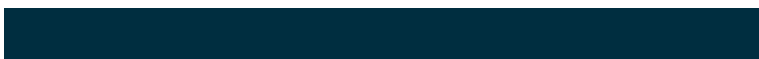
33.0256, 28.6963, 98.4055



18.1132, 19.5980, 23.0781



18.7095, 22.3286, 52.7583



1.9125, 2.3557, 5.1672

Previews

White Background



This preview shows how the XYZ color 53.8641, 42.5103, 18.4631 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 53.8641, 42.5103, 18.4631 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 53.8641, 42.5103, 18.4631

Background



This preview shows how black text looks on a background with the XYZ color 53.8641, 42.5103, 18.4631.



This preview shows how white text looks on a background with the XYZ color 53.8641, 42.5103,

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

53.8641, 42.5103, 18.4631

Protanopia

39.6597, 42.8449, 22.3993

Deuteranopia

43.5595, 42.7037, 18.0034



Tritanopia

56.2699, 42.5118, 34.0940

Trichromacy



Original Color

53.8641, 42.5103, 18.4631

Protanomaly

43.8763, 41.9948, 20.8322

Deuteranomaly

46.7420, 42.2298, 17.9995

Tritanomaly

55.1466, 42.2995, 27.4484

Monochromacy



Original Color

53.8641, 42.5103, 18.4631

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

43.0711, 41.0290, 33.6663

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8641, 42.5103, 18.4631 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, 145, 104)` looks like.

```
.text, #text, p{  
    color:rgb(255, 145, 104)  
}
```

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, 145, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 145, 104) }
```

Border

The CSS property to change the border of an element to XYZ 53.8641, 42.5103, 18.4631 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, 145, 104) }
```


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

```
.border{ border-color:rgb(255, 145, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 145, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 145, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 145, 104);  
box-shadow:4px 4px 4px 4px rgb(255, 145,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8641, 42.5103, 18.4631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 145, 104) }
```

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

```
.background{ background-color: rgb(255,  
145, 104) }
```

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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