

Converting Colors

XYZ(61.5474, 45.6725, 18.3563)

Have a look what the booklet for
XYZ(61.5474, 45.6725, 18.3563)
contains.

XYZ(53.2131, 41.2890, 17.9969)	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(53.2131, 41.2890,
17.9969)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8D67
RGB	255, 141, 103
RGB Percent	100%, 55%, 40%
CMY	0.0000, 0.4470, 0.5961
CMYK	0.00, 0.45, 0.60, 0.00
HSL	15°, 100%, 70%
HSV	15°, 60%, 100%
XYZ	53.2131, 41.2890, 17.9969
YIQ	170.7540, 80.1420, 12.3500

Conversions

Conversions Part 2

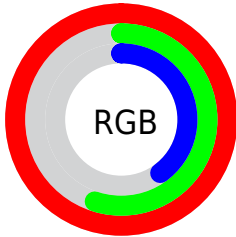
Format	Color
R _Y B	255, 154, 103
Decimal	16747879
CIE Lab	70.38, 39.78, 39.17
CIE LCh	70, 55.823, 44.559
Yxy	41.2890, 0.4730, 0.3670
Android (android.graphics.Color)	4294937959 (0xFFFF8D67)
YUV	170.7540, -33.4027, 73.8837
Hunter-Lab	64.2565, 35.3733, 28.3737

Details

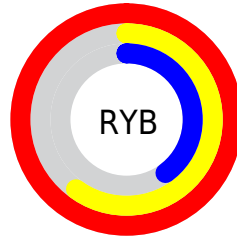
The XYZ color **53.2131, 41.2890, 17.9969** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **48.4549, 59.7261, 103.5819**, and the grayscale version is **38.7204, 40.7369, 44.3625**.

A 20% lighter version of the original color is **66.8963, 63.1064, 39.6653**, and **26.2543, 18.7580, 5.8513** is the 20% darker color. If you saturate the color by 10%, you get **49.5424, 35.6933, 11.3927**, and if you desaturate by 10%, it is **57.7628, 48.0188, 26.8197**.

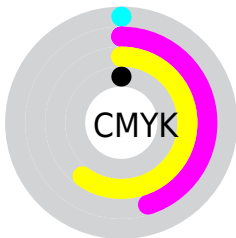
Distribution



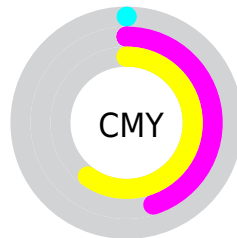
- Red (100%)
- Green (55%)
- Blue (40%)



- Red (100%)
- Yellow (60%)
- Blue (40%)



- Cyan (0%)
- Magenta (45%)
- Yellow (60%)
- Black (0%)



- Cyan (0%)
- Magenta (45%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.2131, 41.2890, 17.9969 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 53.2131, 41.2890, 17.9969 by changing the saturation by 10% instead.

53.2131, 41.2890,
17.9969

53.2131, 41.2890,
17.9969

389.3497,
351.5270, 253.0891

38.2011, 28.5450,
10.7783

94.0816, 77.1224,
40.8459

26.3167, 18.7369,
5.8057

120.6687,
100.9806, 57.3134

17.1946, 11.4803,
2.6604

151.8449,
129.3123, 77.7011

10.4695, 6.3909,
0.9234

187.9756,
162.5018, 102.4273

5.7760, 3.0842,
0.0000

229.4260,
200.9337, 131.9106

2.7487, 1.1758,
0.0000

276.5616,

1.0223, 0.0418,

244.9923, 166.5697

0.0000

329.7477,
295.0619, 206.8230

■ 0.0000, 0.0000,
0.0000

■ 53.2131, 41.2890,
17.9969

■ 53.2131, 41.2890,
17.9969

■ 49.5424, 35.6933,
11.3927

■ 57.7628, 48.0188,
26.8197

■ 46.6861, 31.1606,
6.8030

■ 63.2440, 55.9357,
38.0358

■ 44.5741, 27.6210,
3.9890

■ 69.7082, 65.0966,
51.8050

■ 43.1077, 24.9869,
2.5797

■ 77.2022, 75.5532,
68.2727

■ 43.0598, 24.8998,
2.5366

■ 85.7696, 87.3538,
87.5729

95.0499, 99.9999,
108.9000

Harmonies

Analogous

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



58.9285, 41.2890, 33.4085



53.2131, 41.2890, 17.9969



44.1339, 41.2890, 11.7132

Triad

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



53.2131, 41.2890, 17.9969



24.5697, 41.2890, 32.7953



43.8505, 41.2890, 113.7863

Complementary

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



53.2131, 41.2890, 17.9969



48.4549, 59.7261, 103.5819

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.



34.7292, 41.2890, 113.4125



53.2131, 41.2890, 17.9969



24.5182, 41.2890, 58.8996

Square

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



53.2131, 41.2890, 17.9969



28.1158, 41.2890, 17.6995



27.9622, 41.2890, 90.5741



52.9780, 41.2890, 91.4551

Rectangle

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



53.2131, 41.2890, 17.9969



37.8576, 41.2890, 11.0471



27.9622, 41.2890, 90.5741



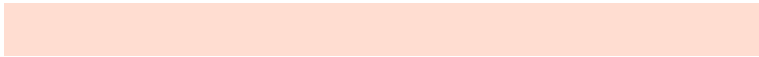
40.6638, 41.2890, 116.5257

Sweetspot

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



53.2141, 41.2912, 17.9976



78.5059, 77.3582, 71.1804



58.6147, 35.9705, 69.4994



16.3027, 15.8639, 14.1203



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.



53.2141, 41.2912, 17.9976



48.7874, 34.5145, 10.1193



68.5010, 71.8650, 23.0933



18.3783, 18.7248, 18.7899



22.5984, 13.2081, 1.3583



2.2825, 1.4504, 0.1597

Inverse Universe

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



48.4549, 59.7261, 103.5819



43.5011, 54.2210, 102.7807



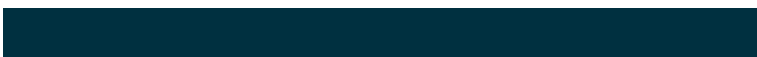
33.1686, 29.1537, 98.4865



18.1477, 19.6669, 23.0896



19.3186, 23.5467, 52.9614



1.9675, 2.4657, 5.1855

Previews

White Background



This preview shows how the XYZ color 53.2131, 41.2890, 17.9969 looks on a white background.

Color Contrast Check

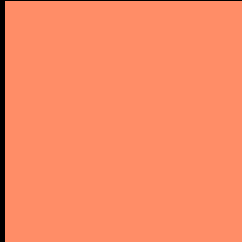
Large Text (above 18pt) WCAG AA × Fail

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 53.2131, 41.2890, 17.9969 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 53.2131, 41.2890, 17.9969

Background



This preview shows how black text looks on a background with the XYZ color 53.2131, 41.2890, 17.9969.



This preview shows how white text looks on a background with the XYZ color 53.2131, 41.2890,

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

53.2131, 41.2890, 17.9969

Protanopia

38.3406, 41.3076, 22.1721

Deuteranopia

42.2381, 41.4937, 17.3382



Tritanopia

55.3740, 41.2266, 32.2331

Trichromacy



Original Color

53.2131, 41.2890, 17.9969

Protanomaly

42.7655, 40.6345, 20.6282

Deuteranomaly

45.5527, 40.8658, 17.5436

Tritanomaly

54.3577, 41.0487, 26.1773

Monochromacy



Original Color

53.2131, 41.2890, 17.9969

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

42.1162, 39.7735, 32.6514

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2131, 41.2890, 17.9969 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, 141, 103)` looks like.

```
.text, #text, p{  
    color:rgb(255, 141, 103)  
}
```

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, 141, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 141, 103) }
```

Border

The CSS property to change the border of an element to XYZ 53.2131, 41.2890, 17.9969 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, 141, 103) }
```


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

```
.border{ border-color:rgb(255, 141, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 141, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 141, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 141, 103);  
box-shadow:4px 4px 4px 4px rgb(255, 141,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2131, 41.2890, 17.9969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 141, 103) }
```

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

```
.background{ background-color: rgb(255,  
141, 103) }
```

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