

Converting Colors

XYZ(81.4106, 55.7505, 19.7372)

Have a look what the booklet for
XYZ(81.4106, 55.7505, 19.7372)
contains.

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Color

**XYZ(53.3147, 41.3297,
18.5320)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8D69
RGB	255, 141, 105
RGB Percent	100%, 55%, 41%
CMY	0.0000, 0.4470, 0.5882
CMYK	0.00, 0.45, 0.59, 0.00
HSL	14°, 100%, 71%
HSV	14°, 59%, 100%
XYZ	53.3147, 41.3297, 18.5320
YIQ	170.9820, 79.5000, 12.9720

Conversions

Conversions Part 2

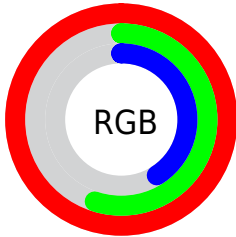
Format	Color
R_{YB}	255, 152, 105
Decimal	16747881
CIE _{Lab}	70.41, 39.92, 38.14
CIE _{LCh}	70, 55.208, 43.697
Yxy	41.3297, 0.4711, 0.3652
Android (android.graphics.Color)	4294937961 (0xFFFF8D69)
YUV	170.9820, -32.5291, 73.6838
Hunter-Lab	64.2882, 35.5272, 27.9105

Details

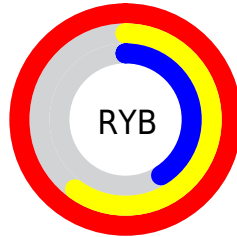
The XYZ color **53.3147, 41.3297, 18.5320** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **49.2055, 60.8827, 103.7655**, and the grayscale version is **38.8311, 40.8533, 44.4892**.

A 20% lighter version of the original color is **67.0657, 63.1742, 40.5574**, and **26.3032, 18.7776, 6.1090** is the 20% darker color. If you saturate the color by 10%, you get **49.5835, 35.6598, 11.7629**, and if you desaturate by 10%, it is **57.9407, 48.1609, 27.5381**.

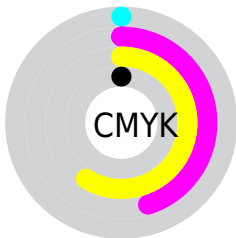
Distribution



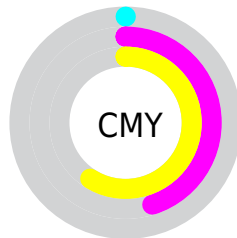
- Red (100%)
- Green (55%)
- Blue (41%)



- Red (100%)
- Yellow (60%)
- Blue (41%)



- Cyan (0%)
- Magenta (45%)
- Yellow (59%)
- Black (0%)



- Cyan (0%)
- Magenta (45%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.3147, 41.3297, 18.5320 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 53.3147, 41.3297, 18.5320 by changing the saturation by 10% instead.

53.3147, 41.3297,
18.5320

53.3147, 41.3297,
18.5320

389.7325,
351.6967, 256.1889

38.2825, 28.5768,
11.1592

94.2301, 77.1841,
41.7679

26.3803, 18.7609,
6.0585

120.8440,
101.0545, 58.4681

17.2425, 11.4976,
2.8113

152.0493,
129.3994, 79.1145

10.5039, 6.4026,
0.9991

188.2112,
162.6033, 104.1257

5.7991, 3.0914,
0.0000

229.6951,
201.0506, 133.9202

2.7628, 1.1796,
0.0000

276.8664,

1.0296, 0.0450,

245.1256, 168.9165

0.0000

330.0904,
295.2129, 209.5332

■ 0.0000, 0.0000,
0.0000

■ 53.3147, 41.3297,
18.5320

■ 53.3147, 41.3297,
18.5320

■ 49.5835, 35.6598,
11.7629

■ 57.9407, 48.1609,
27.5381

■ 46.6817, 31.0782,
7.0285

■ 63.5146, 56.2081,
38.9547

■ 44.5389, 27.5130,
4.0934

■ 70.0884, 65.5299,
52.9406

■ 43.0612, 24.8763,
2.6182

■ 77.7096, 76.1794,
69.6405

■ 42.9199, 24.6200,
2.4900

■ 86.4225, 88.2064,
89.1882

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.



58.8163, 41.3297, 34.1641



53.3147, 41.3297, 18.5320



44.3935, 41.3297, 12.0374

Triad

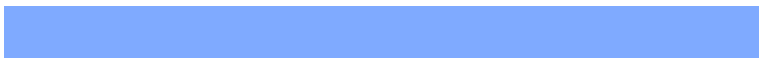
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



53.3147, 41.3297, 18.5320



24.7885, 41.3297, 32.3669



43.5658, 41.3297, 113.2084

Complementary

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



53.3147, 41.3297, 18.5320



49.2055, 60.8827, 103.7655

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.



34.5800, 41.3297, 112.1223



53.3147, 41.3297, 18.5320



24.6375, 41.3297, 57.9168

Square

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



53.3147, 41.3297, 18.5320



28.4081, 41.3297, 17.6553



27.9578, 41.3297, 89.1666



52.6288, 41.3297, 91.7298

Rectangle

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



53.3147, 41.3297, 18.5320



38.1671, 41.3297, 11.2626



27.9578, 41.3297, 89.1666



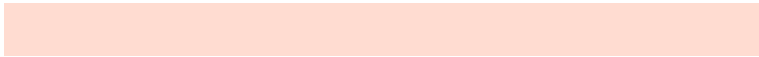
40.4197, 41.3297, 115.6650

Sweetspot

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



53.3157, 41.3319, 18.5327



78.3852, 77.1168, 71.1402



59.2098, 36.5306, 71.6405



16.2737, 15.8059, 14.1106



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.



53.3157, 41.3319, 18.5327



48.8835, 34.5721, 10.5664



68.0901, 70.8807, 23.4576



18.3633, 18.6949, 18.7849



22.5222, 13.0557, 1.3329



2.2733, 1.4319, 0.1566

Inverse Universe

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



49.2055, 60.8827, 103.7655



44.2988, 55.5311, 102.9915



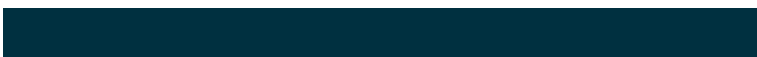
34.0013, 30.4743, 98.6974



18.1637, 19.6990, 23.0949



19.6092, 24.1279, 53.0582



1.9936, 2.5180, 5.1942

Previews

White Background



This preview shows how the XYZ color 53.3147, 41.3297, 18.5320 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 53.3147, 41.3297, 18.5320 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 53.3147, 41.3297, 18.5320

Background



This preview shows how black text looks on a background with the XYZ color 53.3147, 41.3297, 18.5320.



This preview shows how white text looks on a background with the XYZ color 53.3147, 41.3297,

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

53.3147, 41.3297, 18.5320

Protanopia

38.6480, 41.7363, 22.8486

Deuteranopia

42.3337, 41.5320, 17.8418



Tritanopia

55.4521, 41.2579, 32.6447

Trichromacy



Original Color

53.3147, 41.3297, 18.5320

Protanomaly

42.8769, 40.6790, 21.2148

Deuteranomaly

45.6508, 40.9050, 18.0598

Tritanomaly

54.4933, 41.1029, 26.8913

Monochromacy



Original Color

53.3147, 41.3297, 18.5320

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

42.1944, 39.8048, 33.0630

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3147, 41.3297, 18.5320 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, 105)` looks like.

```
.text, #text, p{  
    color:rgb(255, 141, 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(255, 141, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 141, 105) }
```

Border

The CSS property to change the border of an element to XYZ 53.3147, 41.3297, 18.5320 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, 105) }
```


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

```
.border{ border-color:rgb(255, 141, 105) }
```

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, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 141, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 141, 105);  
box-shadow:4px 4px 4px 4px rgb(255, 141,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3147, 41.3297, 18.5320 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, 105) }
```

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

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