

Converting Colors

XYZ(56.3896, 42.3143, 22.1129)

Have a look what the booklet for
XYZ(56.3896, 42.3143, 22.1129)
contains.

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Color

**XYZ(53.6835, 41.0096,
21.9158)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8B75
RGB	255, 139, 117
RGB Percent	100%, 55%, 46%
CMY	0.0000, 0.4549, 0.5412
CMYK	0.00, 0.45, 0.54, 0.00
HSL	10°, 100%, 73%
HSV	10°, 54%, 100%
XYZ	53.6835, 41.0096, 21.9158
YIQ	171.1760, 76.1980, 17.7500

Conversions

Conversions Part 2

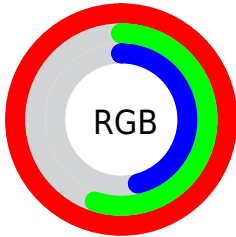
Format	Color
R_{YB}	255, 143, 117
Decimal	16747381
CIE _{Lab}	70.18, 41.83, 31.38
CIE _{LCh}	70, 52.291, 36.879
Yxy	41.0096, 0.4604, 0.3517
Android (android.graphics.Color)	4294937461 (0xFFFF8B75)
YUV	171.1760, -26.7088, 73.5136
Hunter-Lab	64.0387, 37.5683, 24.5365

Details

The XYZ color **53.6835, 41.0096, 21.9158** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **54.5231, 69.2758, 105.1052**, and the grayscale version is **38.9015, 40.9274, 44.5700**.

A 20% lighter version of the original color is **67.6932, 62.7081, 46.0722**, and **26.6193, 18.5423, 7.6449** is the 20% darker color. If you saturate the color by 10%, you get **49.5782, 34.8807, 14.1309**, and if you desaturate by 10%, it is **58.8074, 48.5228, 32.0552**.

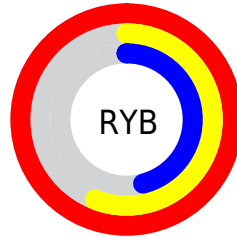
Distribution



Red (100%)

Green (55%)

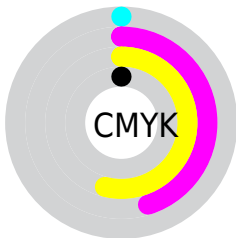
Blue (46%)



Red (100%)

Yellow (56%)

Blue (46%)

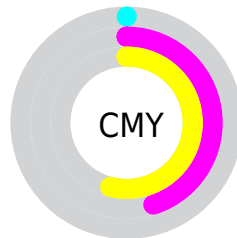


Cyan (0%)

Magenta (45%)

Yellow (54%)

Black (0%)



Cyan (0%)

Magenta (45%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.6835, 41.0096, 21.9158 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 53.6835, 41.0096, 21.9158 by changing the saturation by 10% instead.


 53.6835, 41.0096,
21.9158


 53.6835, 41.0096,
21.9158


391.1200,
350.3607, 275.0454


 38.5783, 28.3266,
13.5973


 94.7690, 76.6985,
47.5072

 26.6111, 18.5720,
7.7056


 121.4800,
100.4731, 65.6172

 17.4164, 11.3614,
3.8221


 152.7904,
128.7137, 87.8281

 10.6290, 6.3105,
1.5283

189.0655,
161.8048, 114.5585

 5.8834, 3.0348,
0.2388

230.6707,
200.1306, 146.2269

 2.8143, 1.1499,
0.0000

277.9712,

 1.0563, 0.0202,

244.0756, 183.2518

0.0000

331.3326,
294.0242, 226.0518

■ 0.0000, 0.0000,
0.0000

■ 53.6835, 41.0096,
21.9158

■ 53.6835, 41.0096,
21.9158

■ 49.5782, 34.8807,
14.1309

■ 58.8074, 48.5228,
32.0552

■ 46.4189, 30.0447,
8.5071

■ 65.0101, 57.4917,
44.7169

■ 44.1277, 26.4091,
4.8241

■ 72.3502, 67.9901,
60.0557

■ 42.6117, 23.8656,
2.8126

■ 80.8815, 80.0853,
78.2136

■ 42.0212, 22.8227,
2.1905

■ 90.6542, 93.8401,
99.3222

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.



57.7107, 41.0096, 39.2409



53.6835, 41.0096, 21.9158



45.8059, 41.0096, 13.8154

Triad

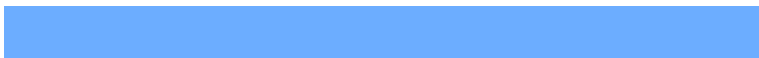
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



53.6835, 41.0096, 21.9158



25.7153, 41.0096, 28.5813



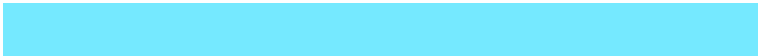
40.9833, 41.0096, 109.7111

Complementary

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



53.6835, 41.0096, 21.9158



54.5231, 69.2758, 105.1052

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.



32.8654, 41.0096, 103.5532



53.6835, 41.0096, 21.9158



24.8138, 41.0096, 50.5400

Square

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



53.6835, 41.0096, 21.9158



29.9110, 41.0096, 16.5625



27.2385, 41.0096, 79.3389



49.7148, 41.0096, 93.9725

Rectangle

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



53.6835, 41.0096, 21.9158



39.8815, 41.0096, 12.1840



27.2385, 41.0096, 79.3389



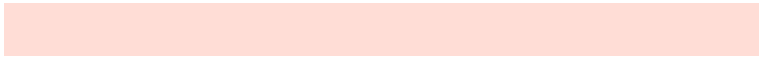
38.0890, 41.0096, 110.2024

Sweetspot

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



53.6845, 41.0117, 21.9165



79.1821, 77.6832, 74.5733



62.4956, 39.9405, 82.4833



16.5612, 16.0795, 15.1352



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.



53.6845, 41.0117, 21.9165



49.2625, 34.4031, 13.5504



66.6910, 67.0247, 26.2520



18.2433, 18.4547, 18.7449



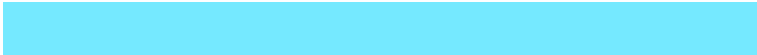
22.0258, 12.0628, 1.1675



2.2085, 1.3023, 0.1350

Inverse Universe

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



54.5231, 69.2758, 105.1052



50.0938, 65.1561, 104.5439



38.8956, 38.0208, 99.8961



18.2937, 19.9590, 23.1382



22.1330, 29.1756, 53.8995



2.2182, 2.9671, 5.2691

Previews

White Background



This preview shows how the XYZ color 53.6835, 41.0096, 21.9158 looks on a white background.

Color Contrast Check

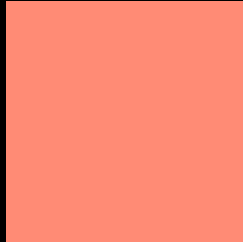
Large Text (above 18pt) WCAG AA × Fail

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 53.6835, 41.0096, 21.9158 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 53.6835, 41.0096, 21.9158

Background



This preview shows how black text looks on a background with the XYZ color 53.6835, 41.0096, 21.9158.



This preview shows how white text looks on a background with the XYZ color 53.6835, 41.0096,

21.9158.

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

53.6835, 41.0096, 21.9158

Protanopia

38.6164, 41.3341, 27.4157

Deuteranopia

41.9322, 40.9862, 21.0303



Tritanopia

55.2325, 40.9436, 32.1860

Trichromacy



Original Color

53.6835, 41.0096, 21.9158

Protanomaly

42.9150, 40.3496, 25.2650

Deuteranomaly

45.4991, 40.5049, 21.3398

Tritanomaly

54.5588, 40.9006, 27.9407

Monochromacy



Original Color

53.6835, 41.0096, 21.9158

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

42.3412, 39.5872, 34.6876

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6835, 41.0096, 21.9158 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, 139, 117)` looks like.

```
.text, #text, p{  
    color:rgb(255, 139, 117)  
}
```

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, 139, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 139, 117) }
```

Border

The CSS property to change the border of an element to XYZ 53.6835, 41.0096, 21.9158 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, 139, 117) }
```


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

```
.border{ border-color:rgb(255, 139, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 139, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 139, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 139, 117);  
box-shadow:4px 4px 4px 4px rgb(255, 139,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6835, 41.0096, 21.9158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 139, 117) }
```

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

```
.background{ background-color: rgb(255,  
139, 117) }
```

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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