

Converting Colors

XYZ(89.2873, 56.6634, 20.0548)

Have a look what the booklet for
XYZ(89.2873, 56.6634, 20.0548)
contains.

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Color

**XYZ(51.2275, 36.9888,
18.3495)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7D6B
RGB	255, 125, 107
RGB Percent	100%, 49%, 42%
CMY	0.0000, 0.5098, 0.5804
CMYK	0.00, 0.51, 0.58, 0.00
HSL	7°, 100%, 71%
HSV	7°, 58%, 100%
XYZ	51.2275, 36.9888, 18.3495
YIQ	161.8180, 83.2580, 21.9620

Conversions

Conversions Part 2

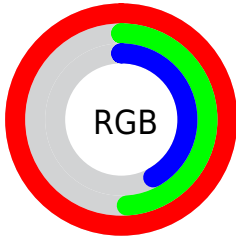
Format	Color
RYB	255, 127, 107
Decimal	16743787
CIELab	67.27, 47.99, 33.09
CIELCh	67, 58.293, 34.592
Yxy	36.9888, 0.4807, 0.3471
Android (android.graphics.Color)	4294933867 (0xFFFF7D6B)
YUV	161.8180, -27.0253, 81.7206
Hunter-Lab	60.8184, 43.9187, 24.6845

Details

The XYZ color **51.2275, 36.9888, 18.3495** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **54.3955, 70.9099, 105.4274**, and the grayscale version is **34.3538, 36.1429, 39.3596**.

A 20% lighter version of the original color is **63.8193, 56.4057, 40.3246**, and **25.0350, 16.1597, 5.9373** is the 20% darker color. If you saturate the color by 10%, you get **47.5555, 31.4848, 11.4542**, and if you desaturate by 10%, it is **55.9360, 43.9334, 27.5419**.

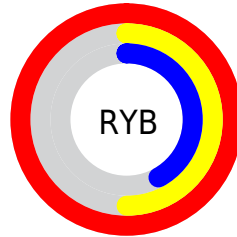
Distribution



Red (100%)

Green (49%)

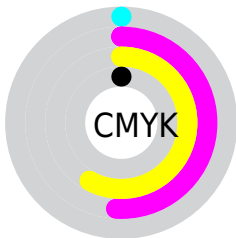
Blue (42%)



Red (100%)

Yellow (50%)

Blue (42%)

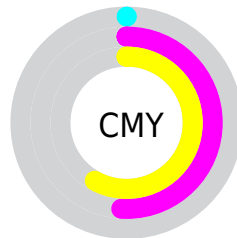


Cyan (0%)

Magenta (51%)

Yellow (58%)

Black (0%)



Cyan (0%)


Magenta (51%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.2275, 36.9888, 18.3495 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 51.2275, 36.9888, 18.3495 by changing the saturation by 10% instead.


 51.2275, 36.9888,
18.3495


 51.2275, 36.9888,
18.3495


381.8201,
333.2620, 255.1356

 36.6115, 25.1988,
11.0292


 91.1720, 70.5556,
41.4539


 25.0791, 16.2252,
5.9720


 117.2311, 93.1011,
58.0751

 16.2650, 9.6837,
2.7596


 147.8353,
120.0007, 78.6336

 9.8039, 5.1897,
0.9732

 183.3500,
151.6386, 103.5481

 5.3304, 2.3590,
0.0000

224.1404,
188.3993, 133.2369

 2.4791, 0.8047,
0.0000

270.5721,

 0.8848, 0.0000,

230.6672, 168.1188

0.0000

323.0102,
278.8266, 208.6122

■ 0.0000, 0.0000,
0.0000

■ 51.2275, 36.9888,
18.3495

■ 51.2275, 36.9888,
18.3495

■ 47.5555, 31.4848,
11.4542

■ 55.9360, 43.9334,
27.5419

■ 44.8380, 27.3141,
6.6505

■ 61.7493, 52.4042,
39.2087

■ 42.9844, 24.3638,
3.6993

■ 68.7330, 62.4870,
53.5123

■ 41.8807, 22.4977,
2.2788

■ 76.9467, 74.2596,
70.6003

■ 41.7305, 22.2412,
2.0935

■ 86.4460, 87.7948,
90.6097

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.



55.1449, 36.9888, 36.4728



51.2275, 36.9888, 18.3495



43.0304, 36.9888, 10.2267

Triad

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



51.2275, 36.9888, 18.3495



21.8428, 36.9888, 22.6798



36.5462, 36.9888, 111.6368

Complementary

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



51.2275, 36.9888, 18.3495



54.3955, 70.9099, 105.4274

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.



28.3074, 36.9888, 102.8270



51.2275, 36.9888, 18.3495



20.6971, 36.9888, 44.3316

Square

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



51.2275, 36.9888, 18.3495



26.3008, 36.9888, 11.8840



22.8567, 36.9888, 75.0404



45.8062, 36.9888, 95.6626

Rectangle

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



51.2275, 36.9888, 18.3495



36.7959, 36.9888, 8.5168



22.8567, 36.9888, 75.0404



33.5670, 36.9888, 111.5169

Sweetspot

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



51.2284, 36.9908, 18.3502



77.8729, 75.5826, 72.5407



61.8911, 37.9329, 84.7432



16.2874, 15.6339, 14.7296



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.



51.2284, 36.9908, 18.3502



46.9501, 30.5650, 10.3541



64.1489, 62.8317, 22.6570



18.1874, 18.3429, 18.7263



21.8606, 11.7324, 1.1124



2.1823, 1.2500, 0.1263

Inverse Universe

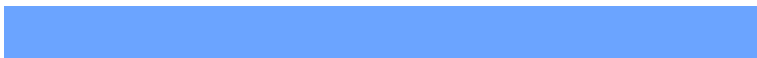
The Inverse Universe completely reimagines the original color for something new.



54.3955, 70.9099, 105.4274



50.2892, 67.2146, 104.9309



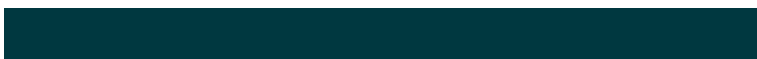
37.3414, 36.8016, 99.7427



18.3551, 20.0819, 23.1587



23.4306, 31.7707, 54.3320



2.3322, 3.1950, 5.3071

Previews

White Background



This preview shows how the XYZ color 51.2275, 36.9888, 18.3495 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 51.2275, 36.9888, 18.3495 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 51.2275, 36.9888, 18.3495

Background



This preview shows how black text looks on a background with the XYZ color 51.2275, 36.9888, 18.3495.



This preview shows how white text looks on a background with the XYZ color 51.2275, 36.9888,

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

51.2275, 36.9888, 18.3495

Protanopia

34.7551, 37.2111, 24.0896

Deuteranopia

37.9591, 37.1956, 17.4907



Tritanopia

52.4197, 37.0646, 25.8641

Trichromacy



Original Color

51.2275, 36.9888, 18.3495

Protanomaly

39.2941, 36.0762, 21.7220

Deuteranomaly

41.7870, 36.2901, 17.6342

Tritanomaly

51.9605, 37.0804, 22.8310

Monochromacy



Original Color

51.2275, 36.9888, 18.3495

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

38.3949, 35.1836, 30.3587

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.2275, 36.9888, 18.3495 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, 125, 107)` looks like.

```
.text, #text, p{  
    color:rgb(255, 125, 107)  
}
```

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, 125, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 125, 107) }
```

Border

The CSS property to change the border of an element to XYZ 51.2275, 36.9888, 18.3495 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, 125, 107) }
```


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

```
.border{ border-color:rgb(255, 125, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 125, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 125, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 125, 107);  
box-shadow:4px 4px 4px 4px rgb(255, 125,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 51.2275, 36.9888, 18.3495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 125, 107) }
```

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

```
.background{ background-color: rgb(255,  
125, 107) }
```

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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