

Converting Colors

XYZ(60.2243, 42.6214, 18.2813)

Have a look what the booklet for
XYZ(60.2243, 42.6214, 18.2813)
contains.

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Color

**XYZ(51.7213, 38.2247,
17.7488)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8268
RGB	255, 130, 104
RGB Percent	100%, 51%, 41%
CMY	0.0000, 0.4902, 0.5922
CMYK	0.00, 0.49, 0.59, 0.00
HSL	10°, 100%, 70%
HSV	10°, 59%, 100%
XYZ	51.7213, 38.2247, 17.7488
YIQ	164.4110, 82.8460, 18.4140

Conversions

Conversions Part 2

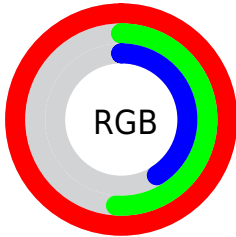
Format	Color
R_{YB}	255, 135, 104
Decimal	16745064
CIE _{Lab}	68.19, 45.34, 35.90
CIE _{LCh}	68, 57.826, 38.370
Yxy	38.2247, 0.4803, 0.3549
Android (android.graphics.Color)	4294935144 (0xFFFF8268)
YUV	164.4110, -29.7826, 79.4466
Hunter-Lab	61.8261, 41.1303, 26.2576

Details

The XYZ color **51.7213, 38.2247, 17.7488** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **51.7763, 66.1978, 104.6558**, and the grayscale version is **35.5935, 37.4472, 40.7800**.

A 20% lighter version of the original color is **64.5897, 58.3582, 39.3125**, and **25.3600, 16.9307, 5.6727** is the 20% darker color. If you saturate the color by 10%, you get **48.0909, 32.7331, 11.0858**, and if you desaturate by 10%, it is **56.3209, 45.0288, 26.6670**.

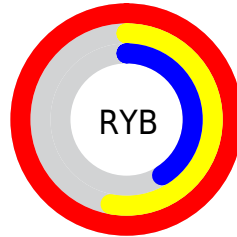
Distribution



Red (100%)

Green (51%)

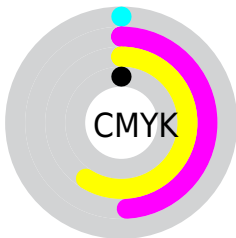
Blue (41%)



Red (100%)

Yellow (53%)

Blue (41%)

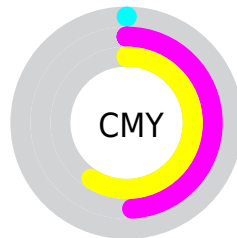


Cyan (0%)

Magenta (49%)

Yellow (59%)

Black (0%)



Cyan (0%)

Magenta (49%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.7213, 38.2247, 17.7488 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 51.7213, 38.2247, 17.7488 by changing the saturation by 10% instead.


 51.7213, 38.2247,
17.7488


 51.7213, 38.2247,
17.7488


383.7014,
338.5829, 251.6397

 37.0063, 26.1571,
10.6022


 91.8967, 72.4524,
40.4170


 25.3861, 16.9412,
5.6892


 118.0880, 95.3813,
56.7756

 16.4952, 10.1926,
2.5913


 148.8353,
122.6995, 77.0420

 9.9683, 5.5268,
0.8880

 184.5041,
154.7913, 101.6348

 5.4401, 2.5596,
0.0000

225.4598,
192.0412, 130.9724

 2.5451, 0.9064,
0.0000

272.0676,

 0.9181, 0.0000,

234.8335, 165.4734

0.0000

324.6931,
283.5526, 205.5563

■ 0.0000, 0.0000,
0.0000

■ 51.7213, 38.2247,
17.7488

■ 51.7213, 38.2247,
17.7488

■ 48.0909, 32.7331,
11.0858

■ 56.3209, 45.0288,
26.6670

■ 45.3551, 28.4622,
6.4716

■ 61.9515, 53.2169,
38.0175

■ 43.4319, 25.3182,
3.6654

■ 68.6726, 62.8625,
51.9624

■ 42.2112, 23.1853,
2.3079

■ 76.5386, 74.0324,
68.6488

■ 42.1374, 23.0552,
2.2292

■ 85.6000, 86.7888,
88.2131

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.



56.3672, 38.2247, 34.7908



51.7213, 38.2247, 17.7488



43.1172, 38.2247, 10.3901

Triad

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



51.7213, 38.2247, 17.7488



22.4591, 38.2247, 25.8452



38.9190, 38.2247, 112.7804

Complementary

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



51.7213, 38.2247, 17.7488



51.7763, 66.1978, 104.6558

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.



30.2978, 38.2247, 107.1005



51.7213, 38.2247, 17.7488



21.7142, 38.2247, 49.2895

Square

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



51.7213, 38.2247, 17.7488



26.5811, 38.2247, 13.5335



24.3443, 38.2247, 80.7639



48.2149, 38.2247, 94.0699

Rectangle

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



51.7213, 38.2247, 17.7488



36.8276, 38.2247, 9.0696



24.3443, 38.2247, 80.7639



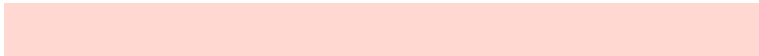
35.8397, 38.2247, 113.7741

Sweetspot

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



51.7222, 38.2267, 17.7495



77.5753, 75.4969, 70.8702



60.4497, 36.8646, 78.6696



16.0794, 15.4173, 14.0459



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.



51.7222, 38.2267, 17.7495



47.5394, 31.8839, 10.1183



65.4902, 65.7627, 22.3388



18.2622, 18.4926, 18.7512



22.0910, 12.1931, 1.1892



2.2176, 1.3205, 0.1380

Inverse Universe

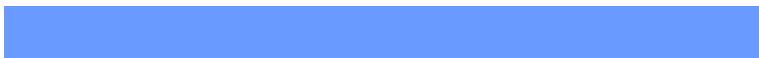
The Inverse Universe completely reimagines the original color for something new.



51.7763, 66.1978, 104.6558



47.4769, 61.8872, 104.0509



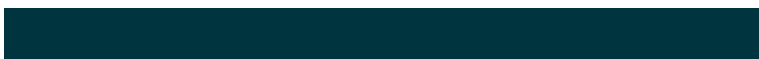
35.3698, 33.3847, 99.1870



18.2730, 19.9176, 23.1313



21.7115, 28.3325, 53.7590



2.1810, 2.8926, 5.2567

Previews

White Background



This preview shows how the XYZ color 51.7213, 38.2247, 17.7488 looks on a white background.

Color Contrast Check

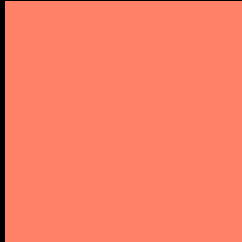
Large Text (above 18pt) WCAG AA × Fail

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 51.7213, 38.2247, 17.7488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

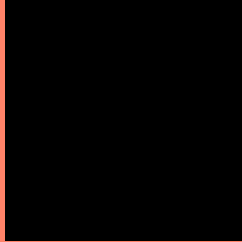
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.7213, 38.2247, 17.7488

Background



This preview shows how black text looks on a background with the XYZ color 51.7213, 38.2247, 17.7488.



This preview shows how white text looks on a background with the XYZ color 51.7213, 38.2247,

17.7488.

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

51.7213, 38.2247, 17.7488

Protanopia

35.7884, 38.3076, 22.9606

Deuteranopia

39.0074, 38.2537, 17.1322



Tritanopia

53.2733, 38.2163, 27.8612

Trichromacy



Original Color

51.7213, 38.2247, 17.7488

Protanomaly

40.1606, 37.2628, 20.9953

Deuteranomaly

42.7577, 37.4915, 17.2949

Tritanomaly

52.5973, 38.1536, 23.6610

Monochromacy



Original Color

51.7213, 38.2247, 17.7488

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

39.1367, 36.2798, 30.5312

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.7213, 38.2247, 17.7488 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, 130, 104)` looks like.

```
.text, #text, p{  
    color:rgb(255, 130, 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, 130, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 130, 104) }
```

Border

The CSS property to change the border of an element to XYZ 51.7213, 38.2247, 17.7488 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, 130, 104) }
```


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

```
.border{ border-color:rgb(255, 130, 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, 130, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 130, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 130, 104);  
box-shadow:4px 4px 4px 4px rgb(255, 130,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 51.7213, 38.2247, 17.7488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 130, 104) }
```

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

```
.background{ background-color: rgb(255,  
130, 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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