

Converting Colors

XYZ(52.7983, 38.9668, 22.4602)

Have a look what the booklet for
XYZ(52.7983, 38.9668, 22.4602)
contains.

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Color

**XYZ(52.7465, 38.8487,
22.4878)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8378
RGB	255, 131, 120
RGB Percent	100%, 51%, 47%
CMY	0.0000, 0.4862, 0.5294
CMYK	0.00, 0.49, 0.53, 0.00
HSL	5°, 100%, 74%
HSV	5°, 53%, 100%
XYZ	52.7465, 38.8487, 22.4878
YIQ	166.8220, 77.4350, 22.8670

Conversions

Conversions Part 2

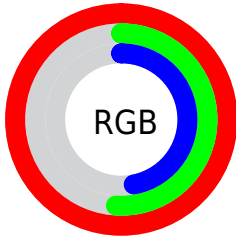
Format	Color
R _Y B	255, 132, 120
Decimal	16745336
CIE Lab	68.64, 46.05, 27.71
CIE LCh	69, 53.748, 31.039
Yxy	38.8487, 0.4624, 0.3405
Android (android.graphics.Color)	4294935416 (0xFFFF8378)
YUV	166.8220, -23.0832, 77.3321
Hunter-Lab	62.3287, 41.9827, 22.2387

Details

The XYZ color **52.7465, 38.8487, 22.4878** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **58.1444, 75.9102, 106.1950**, and the grayscale version is **36.7275, 38.6402, 42.0792**.

A 20% lighter version of the original color is **66.2453, 59.3564, 46.9951**, and **26.1099, 17.3730, 7.9384** is the 20% darker color. If you saturate the color by 10%, you get **48.6019, 32.7153, 14.4610**, and if you desaturate by 10%, it is **58.0159, 46.5728, 32.9228**.

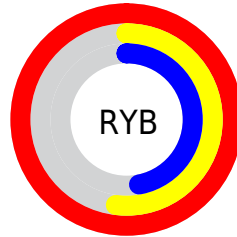
Distribution



Red (100%)

Green (51%)

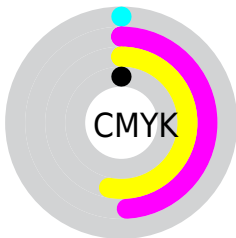
Blue (47%)



Red (100%)

Yellow (52%)

Blue (47%)

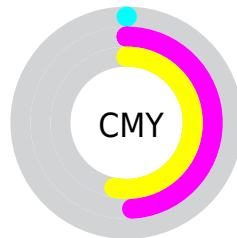


Cyan (0%)

Magenta (49%)

Yellow (53%)

Black (0%)



Cyan (0%)


Magenta (49%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.7465, 38.8487, 22.4878 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 52.7465, 38.8487, 22.4878 by changing the saturation by 10% instead.


 52.7465, 38.8487,
22.4878


 52.7465, 38.8487,
22.4878


387.5886,
341.2468, 278.1193

 37.8271, 26.6420,
14.0140


 93.3990, 73.4071,
48.4634

 26.0251, 17.3046,
7.9916


 119.8628, 96.5277,
66.8023

 16.9752, 10.4519,
4.0019


 150.9054,
124.0550, 89.2667

 10.3120, 5.6996,
1.6264

186.8922,
156.3735, 116.2750

 5.6702, 2.6633,
0.3095

228.1886,
193.8675, 148.2460

 2.6843, 0.9586,
0.0000

275.1599,

 0.9891, 0.0000,

236.9215, 185.5980

0.0000

328.1714,
285.9198, 228.7496

■ 0.0000, 0.0000,
0.0000

■ 52.7465, 38.8487,
22.4878

■ 52.7465, 38.8487,
22.4878

■ 48.6019, 32.7153,
14.4610

■ 58.0159, 46.5728,
32.9228

■ 45.4973, 28.0561,
8.6478

■ 64.4811, 55.9812,
45.9355

■ 43.3403, 24.7484,
4.8266

■ 72.2106, 67.1678,
61.6828

■ 42.0208, 22.6470,
2.7289

■ 81.2667, 80.2176,
80.3083

■ 41.5042, 21.7886,
2.0181

■ 91.7077, 95.2102,
101.9454

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.



55.7626, 38.8487, 41.4580



52.7465, 38.8487, 22.4878



45.4038, 38.8487, 13.1690

Triad

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



52.7465, 38.8487, 22.4878



24.4074, 38.8487, 23.4646



37.2211, 38.8487, 108.3493

Complementary

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



52.7465, 38.8487, 22.4878



58.1444, 75.9102, 106.1950

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.



29.5727, 38.8487, 97.7852



52.7465, 38.8487, 22.4878



22.8933, 38.8487, 43.1525

Square

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



52.7465, 38.8487, 22.4878



29.1330, 38.8487, 13.5620



24.6326, 38.8487, 71.2642



45.9944, 38.8487, 96.3115

Rectangle

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



52.7465, 38.8487, 22.4878



39.5253, 38.8487, 10.8918



24.6326, 38.8487, 71.2642



34.4404, 38.8487, 107.2991

Sweetspot

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



52.7475, 38.8507, 22.4885



78.3520, 76.0229, 74.2966



64.5910, 41.3469, 91.7650



16.3662, 15.6895, 15.0702



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.



52.7475, 38.8507, 22.4885



48.2254, 32.1540, 13.7440



64.4831, 62.3219, 26.4004



18.1284, 18.2249, 18.7066



21.7281, 11.4675, 1.0682



2.1545, 1.1945, 0.1170

Inverse Universe

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



58.1444, 75.9102, 106.1950



54.1048, 72.8072, 105.8093



41.8160, 43.2534, 100.7522



18.4207, 20.2130, 23.1806



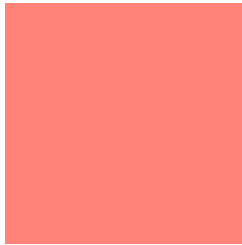
24.8897, 34.6889, 54.8184



2.4594, 3.4494, 5.3495

Previews

White Background



This preview shows how the XYZ color 52.7465, 38.8487, 22.4878 looks on a white background.

Color Contrast Check

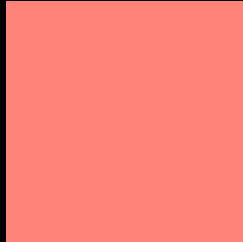
Large Text (above 18pt) WCAG AA × Fail

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 52.7465, 38.8487, 22.4878 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 52.7465, 38.8487, 22.4878

Background



This preview shows how black text looks on a background with the XYZ color 52.7465, 38.8487, 22.4878.



This preview shows how white text looks on a background with the XYZ color 52.7465, 38.8487,

22.4878.

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

52.7465, 38.8487, 22.4878

Protanopia

36.8067, 39.2478, 28.9282

Deuteranopia

39.9268, 39.1451, 21.6710



Tritanopia

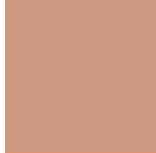
53.6777, 38.7955, 28.7039

Trichromacy



Original Color

52.7465, 38.8487, 22.4878



Protanomaly

41.2042, 38.1762, 26.3161



Deuteranomaly

43.9360, 38.4692, 21.9392



Tritanomaly

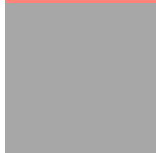
53.3194, 38.8640, 26.1640

Monochromacy



Original Color

52.7465, 38.8487, 22.4878



Achromatopsia

36.7301, 38.6429, 42.0822



Achromatomaly

40.6138, 37.4553, 33.9432

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7465, 38.8487, 22.4878 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, 131, 120)` looks like.

```
.text, #text, p{  
    color:rgb(255, 131, 120)  
}
```

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, 131, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 131, 120) }
```

Border

The CSS property to change the border of an element to XYZ 52.7465, 38.8487, 22.4878 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, 131, 120) }
```


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

```
.border{ border-color:rgb(255, 131, 120) }
```

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

Here you see how a box with a 4 pixel rgb(255, 131, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 131, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 131, 120);  
box-shadow:4px 4px 4px 4px rgb(255, 131,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7465, 38.8487, 22.4878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 131, 120) }
```

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

```
.background{ background-color: rgb(255,  
131, 120) }
```

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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