

Converting Colors

XYZ(52.6734, 40.6152, 22.5266)

Have a look what the booklet for
XYZ(52.6734, 40.6152, 22.5266)
contains.

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Color

**XYZ(52.8527, 40.7835,
22.5391)**

Conversions

Conversions Part 1

Format	Color
Hex	FC8C77
RGB	252, 140, 119
RGB Percent	99%, 55%, 47%
CMY	0.0118, 0.4510, 0.5333
CMYK	0.00, 0.44, 0.53, 0.01
HSL	9°, 96%, 73%
HSV	9°, 53%, 99%
XYZ	52.8527, 40.7835, 22.5391
YIQ	171.0940, 73.4930, 17.2130

Conversions

Conversions Part 2

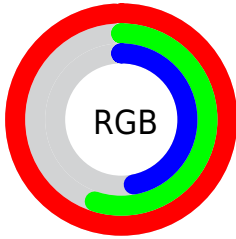
Format	Color
R_{YB}	252, 144, 119
Decimal	16551031
CIE _{Lab}	70.02, 40.37, 30.01
CIE _{LCh}	70, 50.300, 36.624
Yxy	40.7835, 0.4549, 0.3511
Android (android.graphics.Color)	4294741111 (0xFFFC8C77)
YUV	171.0940, -25.6823, 70.9546
Hunter-Lab	63.8620, 35.9697, 23.7779

Details

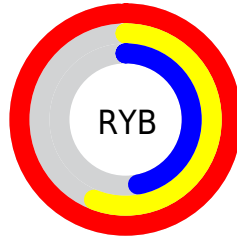
The XYZ color **52.8527, 40.7835, 22.5391** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **53.7525, 68.0983, 102.4063**, and the grayscale version is **38.8561, 40.8797, 44.5180**.

A 20% lighter version of the original color is **68.1058, 63.2305, 47.1432**, and **25.9995, 18.3350, 7.9630** is the 20% darker color. If you saturate the color by 10%, you get **48.7277, 34.6431, 14.6615**, and if you desaturate by 10%, it is **57.9787, 48.2843, 32.7302**.

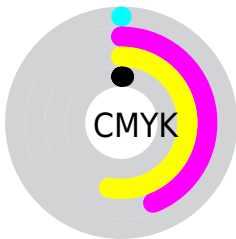
Distribution



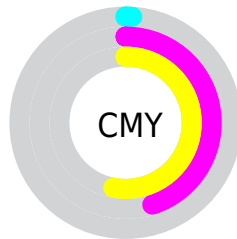
- Red (99%)
- Green (55%)
- Blue (47%)



- Red (99%)
- Yellow (56%)
- Blue (47%)



- Cyan (0%)
- Magenta (44%)
- Yellow (53%)
- Black (1%)





- Cyan (1%)
- Magenta (45%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.8527, 40.7835, 22.5391 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 52.8527, 40.7835, 22.5391 by changing the saturation by 10% instead.


 52.8527, 40.7835,
22.5391

 52.8527, 40.7835,
22.5391


387.9899,
349.4149, 278.3936


 37.9122, 28.1500,
14.0515


 93.5544, 76.3551,
48.5490

 26.0915, 18.4387,
8.0173


 120.0463,
100.0620, 66.9083

 17.0251, 11.2654,
4.0181


 151.1194,
128.2288, 89.3953

 10.3478, 6.2457,
1.6353

187.1390,
161.2398, 116.4284

 5.6942, 2.9950,
0.3158

228.4705,
199.4796, 148.4263

 2.6989, 1.1291,
0.0000

275.4792,

 0.9966, 0.0027,

243.3324, 185.8074

0.0000

328.5306,
293.1828, 228.9903

■ 0.0000, 0.0000,
0.0000

■ 52.8527, 40.7835,
22.5391

■ 52.8527, 40.7835,
22.5391

■ 48.7277, 34.6431,
14.6615

■ 57.9787, 48.2843,
32.7302

■ 45.5339, 29.7748,
8.9128

■ 64.1635, 57.2143,
45.3955

■ 43.1966, 26.0897,
5.0834

■ 71.4637, 67.6449,
60.6838

■ 41.6278, 23.4843,
2.9198

■ 79.9311, 79.6412,
78.7315

■ 40.8968, 22.1996,
2.1294

■ 89.6144, 93.2642,
99.6655

93.9547, 99.4353,
108.8487

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



56.6399, 40.7835, 39.3959



52.8527, 40.7835, 22.5391



45.3655, 40.7835, 14.5055

Triad

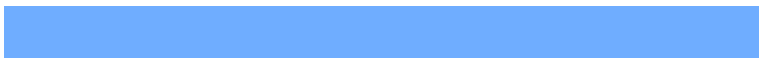
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



52.8527, 40.7835, 22.5391



26.0112, 40.7835, 28.7846



40.6119, 40.7835, 106.0999

Complementary

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



52.8527, 40.7835, 22.5391



53.7525, 68.0983, 102.4063

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.



32.8353, 40.7835, 100.1272



52.8527, 40.7835, 22.5391



25.1101, 40.7835, 49.8245

Square

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



52.8527, 40.7835, 22.5391



30.0936, 40.7835, 17.1205



27.4311, 40.7835, 77.1793



48.9566, 40.7835, 91.4303

Rectangle

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



52.8527, 40.7835, 22.5391



39.6999, 40.7835, 12.8511



27.4311, 40.7835, 77.1793



37.8419, 40.7835, 106.4993

Sweetspot

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



52.8537, 40.7856, 22.5398



79.1657, 77.6504, 74.5679



61.3142, 39.7183, 80.8158



16.5573, 16.0718, 15.1340



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.



52.8537, 40.7856, 22.5398



49.9594, 35.4410, 14.8799



65.4137, 65.9056, 26.7265



17.4659, 17.6678, 17.9521



21.3712, 11.6991, 1.1318



2.0417, 1.2083, 0.1256

Inverse Universe

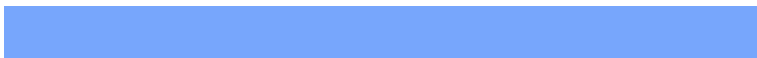
The Inverse Universe completely reimagines the original color for something new.



53.7525, 68.0983, 102.4063



50.8950, 66.0041, 104.6654



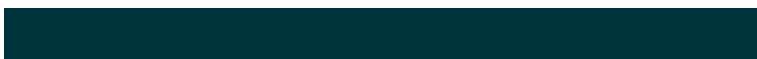
38.7332, 38.0596, 97.3998



17.5187, 19.1141, 22.1514



21.5330, 28.4217, 52.3246



2.0550, 2.7537, 4.8664

Previews

White Background



This preview shows how the XYZ color 52.8527, 40.7835, 22.5391 looks on a white background.

Color Contrast Check

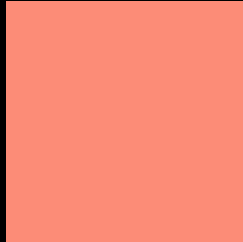
Large Text (above 18pt) WCAG AA × Fail

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 52.8527, 40.7835, 22.5391 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 52.8527, 40.7835, 22.5391

Background



This preview shows how black text looks on a background with the XYZ color 52.8527, 40.7835, 22.5391.



This preview shows how white text looks on a background with the XYZ color 52.8527, 40.7835,

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

52.8527, 40.7835, 22.5391

Protanopia

38.3250, 40.8866, 28.0623

Deuteranopia

41.8236, 40.9105, 21.9118



Tritanopia

54.8655, 40.7545, 32.1688

Trichromacy



Original Color

52.8527, 40.7835, 22.5391

Protanomaly

42.4795, 40.1100, 25.9252

Deuteranomaly

45.3052, 40.3916, 21.9315

Tritanomaly

53.8976, 40.5515, 28.2791

Monochromacy



Original Color

52.8527, 40.7835, 22.5391

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

42.0577, 39.6880, 35.1496

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8527, 40.7835, 22.5391 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(252, 140, 119)` looks like.

```
.text, #text, p{  
    color:rgb(252, 140, 119)  
}
```

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(252, 140, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 140, 119) }
```

Border

The CSS property to change the border of an element to XYZ 52.8527, 40.7835, 22.5391 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(252, 140, 119) }
```


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

```
.border{ border-color:rgb(252, 140, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 140, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 140, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 140, 119);  
box-shadow:4px 4px 4px 4px rgb(252, 140,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8527, 40.7835, 22.5391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 140, 119) }
```

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

```
.background{ background-color: rgb(252,  
140, 119) }
```

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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