

Converting Colors

XYZ(52.3795, 40.7207, 14.3317)

Have a look what the booklet for
XYZ(52.3795, 40.7207, 14.3317)
contains.

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Color

**XYZ(52.3795, 40.7207,
14.3317)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8C58
RGB	255, 140, 88
RGB Percent	100%, 55%, 35%
CMY	0.0000, 0.4510, 0.6549
CMYK	0.00, 0.45, 0.65, 0.00
HSL	19°, 100%, 67%
HSV	19°, 65%, 100%
XYZ	52.3795, 40.7207, 14.3317
YIQ	168.4570, 85.2320, 8.2080

Conversions

Conversions Part 2

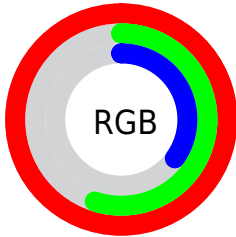
Format	Color
R _Y B	255, 164, 88
Decimal	16747608
CIE Lab	69.98, 39.33, 46.50
CIE LCh	70, 60.905, 49.779
Yxy	40.7207, 0.4876, 0.3790
Android (android.graphics.Color)	4294937688 (0xFFFF8C58)
YUV	168.4570, -39.6653, 75.8982
Hunter-Lab	63.8128, 34.8460, 31.3530

Details

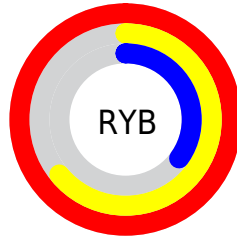
The XYZ color **52.3795, 40.7207, 14.3317** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **43.4289, 52.0035, 102.3559**, and the grayscale version is **37.6051, 39.5635, 43.0846**.

A 20% lighter version of the original color is **65.4153, 62.1543, 32.9753**, and **25.8483, 18.4634, 4.1209** is the 20% darker color. If you saturate the color by 10%, you get **49.1378, 35.6427, 8.9198**, and if you desaturate by 10%, it is **56.4017, 46.7695, 21.8260**.

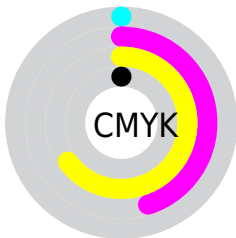
Distribution



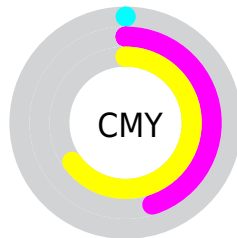
- Red (100%)
- Green (55%)
- Blue (35%)



- Red (100%)
- Yellow (64%)
- Blue (35%)



- Cyan (0%)
- Magenta (45%)
- Yellow (65%)
- Black (0%)





- Cyan (0%)
- Magenta (45%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.3795, 40.7207, 14.3317 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 52.3795, 40.7207, 14.3317 by changing the saturation by 10% instead.


 52.3795, 40.7207,
14.3317


 52.3795, 40.7207,
14.3317


386.1999,
349.1519, 230.7844


 37.5331, 28.1009,
8.2103


 92.8616, 76.2597,
34.4020

 25.7961, 18.4017,
4.1401

 119.2281, 99.9478,
49.1880


 16.8031, 11.2388,
1.7025


 150.1653,
128.0940, 67.6993

 10.1886, 6.2277,
0.3625

 186.0386,
161.0828, 90.3545

 5.5874, 2.9840,
0.0000

 227.2133,
199.2986, 117.5721

 2.6341, 1.1234,
0.0000

274.0549,

 0.9634, 0.0000,

243.1258, 149.7705

0.0000

326.9286,
292.9488, 187.3685

■ 0.0000, 0.0000,
0.0000

■ 52.3795, 40.7207,
14.3317

■ 52.3795, 40.7207,
14.3317

■ 49.1378, 35.6427,
8.9198

■ 56.4017, 46.7695,
21.8260

■ 46.6141, 31.4742,
5.3687

■ 61.2544, 53.8327,
31.5890

■ 44.7382, 28.1553,
3.4086

■ 66.9862, 61.9587,
43.7885

■ 44.0655, 26.9113,
2.8719

■ 73.6408, 71.1908,
58.5759

■ 81.2589, 81.5697,
76.0900

89.8787, 93.1340,
96.4596

95.0497, 99.9999,
108.9000

Harmonies

Analogous

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



59.5799, 40.7207, 28.2969



52.3795, 40.7207, 14.3317



42.1895, 40.7207, 9.3710

Triad

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



52.3795, 40.7207, 14.3317



22.7982, 40.7207, 35.3306



45.5267, 40.7207, 118.2066

Complementary

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



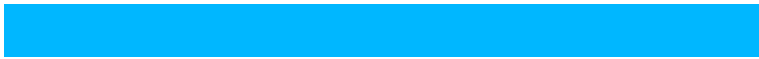
52.3795, 40.7207, 14.3317



43.4289, 52.0035, 102.3559

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.



35.4156, 40.7207, 122.7962



52.3795, 40.7207, 14.3317



23.3814, 40.7207, 65.5211

Square

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



52.3795, 40.7207, 14.3317



25.8855, 40.7207, 17.5834



27.6433, 40.7207, 100.5250



55.1787, 40.7207, 89.8169

Rectangle

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



52.3795, 40.7207, 14.3317



35.5524, 40.7207, 9.3451



27.6433, 40.7207, 100.5250



42.0362, 40.7207, 122.9405

Sweetspot

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



52.3804, 40.7229, 14.3324



77.7014, 76.7443, 67.8446



55.7370, 32.6425, 61.0573



16.1785, 15.8085, 13.4835



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.



52.3804, 40.7229, 14.3324



48.1736, 34.0787, 7.4737



69.0164, 73.9947, 19.8777



18.4708, 18.9098, 18.8208



23.1416, 14.2945, 1.5394



2.3457, 1.5768, 0.1807

Inverse Universe

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



43.4289, 52.0035, 102.3559



38.4552, 45.8077, 101.4227



28.9608, 23.0672, 97.5332



18.0497, 19.4709, 23.0569



17.6410, 20.1916, 52.4022



1.8152, 2.1610, 5.1347

Previews

White Background



This preview shows how the XYZ color 52.3795, 40.7207, 14.3317 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 52.3795, 40.7207, 14.3317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

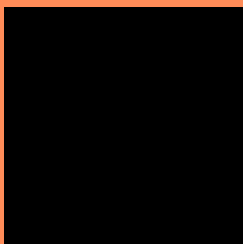
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.3795, 40.7207, 14.3317

Background



This preview shows how black text looks on a background with the XYZ color 52.3795, 40.7207, 14.3317.



This preview shows how white text looks on a background with the XYZ color 52.3795, 40.7207,

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

52.3795, 40.7207, 14.3317

Protanopia

37.7437, 41.0973, 17.7476

Deuteranopia

41.5225, 40.6678, 13.8448



Tritanopia

54.9380, 40.6016, 31.3269

Trichromacy



Original Color

52.3795, 40.7207, 14.3317



Protanomaly

41.7877, 39.9649, 16.3380



Deuteranomaly

45.0396, 40.4295, 14.0242



Tritanomaly

53.8238, 40.6066, 24.0698

Monochromacy



Original Color

52.3795, 40.7207, 14.3317



Achromatopsia

37.2190, 39.1572, 42.6422



Achromatomaly

40.7065, 38.5972, 29.7306

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3795, 40.7207, 14.3317 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, 140, 88)` looks like.

```
.text, #text, p{  
    color:rgb(255, 140, 88)  
}
```

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, 140, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 140, 88) }
```

Border

The CSS property to change the border of an element to XYZ 52.3795, 40.7207, 14.3317 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, 140, 88) }
```


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

```
.border{ border-color:rgb(255, 140, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 140, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 140, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 140, 88);  
box-shadow:4px 4px 4px 4px rgb(255, 140,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3795, 40.7207, 14.3317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 140, 88) }
```

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

```
.background{ background-color: rgb(255,  
140, 88) }
```

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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