

Converting Colors

XYZ(51.3564, 39.9719, 20.5398)

Have a look what the booklet for
XYZ(51.3564, 39.9719, 20.5398)
contains.

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Color

**XYZ(51.4256, 40.0882,
20.6501)**

Conversions

Conversions Part 1

Format	Color
Hex	F98C71
RGB	249, 140, 113
RGB Percent	98%, 55%, 44%
CMY	0.0235, 0.4510, 0.5569
CMYK	0.00, 0.44, 0.55, 0.02
HSL	12°, 92%, 71%
HSV	12°, 55%, 98%
XYZ	51.4256, 40.0882, 20.6501
YIQ	169.5130, 73.6310, 14.7110

Conversions

Conversions Part 2

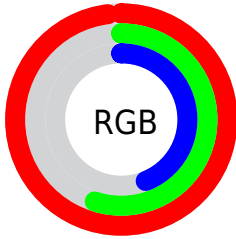
Format	Color
R _Y B	249, 147, 113
Decimal	16354417
CIE Lab	69.53, 38.75, 32.56
CIE LCh	70, 50.617, 40.037
Yxy	40.0882, 0.4585, 0.3574
Android (android.graphics.Color)	4294544497 (0xFFFF98C71)
YUV	169.5130, -27.8609, 69.7101
Hunter-Lab	63.3152, 34.1787, 24.9834

Details

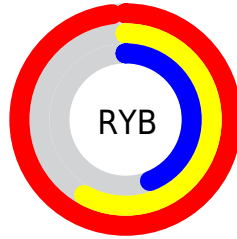
The XYZ color **51.4256, 40.0882, 20.6501** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **50.0284, 62.5891, 99.0661**, and the grayscale version is **38.0758, 40.0587, 43.6239**.

A 20% lighter version of the original color is **67.5466, 63.0068, 44.1988**, and **25.1829, 18.0525, 7.1582** is the 20% darker color. If you saturate the color by 10%, you get **47.5551, 34.2914, 13.3670**, and if you desaturate by 10%, it is **56.2113, 47.1005, 30.1359**.

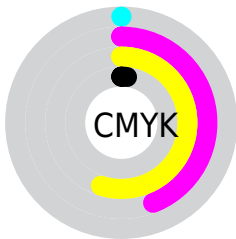
Distribution



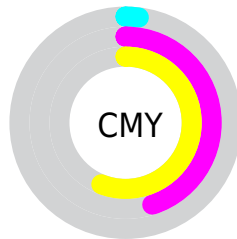
- Red (98%)
- Green (55%)
- Blue (44%)



- Red (98%)
- Yellow (58%)
- Blue (44%)



- Cyan (0%)
- Magenta (44%)
- Yellow (55%)
- Black (2%)





- Cyan (2%)
- Magenta (45%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.4256, 40.0882, 20.6501 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 51.4256, 40.0882, 20.6501 by changing the saturation by 10% instead.


 51.4256, 40.0882,
20.6501


 51.4256, 40.0882,
20.6501


382.5756,
346.4952, 268.1328

 36.7699, 27.6073,
12.6797

 91.4628, 75.2978,
45.3777


 25.2022, 18.0299,
7.0803


 117.5750, 98.7953,
62.9720

 16.3573, 10.9714,
3.4331


 148.2367,
126.7338, 84.6113

 9.8698, 6.0476,
1.3198

 183.8133,
159.4977, 110.7143

 5.3743, 2.8741,
0.0780

224.6701,
197.4714, 141.6993

 2.5055, 1.0663,
0.0000

271.1725,

 0.8980, 0.0000,

241.0393, 177.9851

0.0000

323.6859,
290.5858, 219.9900

■ 0.0000, 0.0000,
0.0000

■ 51.4256, 40.0882,
20.6501

■ 51.4256, 40.0882,
20.6501

■ 47.5551, 34.2914,
13.3670

■ 56.2113, 47.1005,
30.1359

■ 44.5360, 29.6337,
8.1047

■ 61.9645, 55.3863,
41.9817

■ 42.3005, 26.0396,
4.6560

■ 68.7366, 65.0076,
56.3330

■ 40.7676, 23.4210,
2.7665

■ 76.5746, 76.0201,
73.3229

■ 40.1837, 22.3737,
2.2006

■ 85.5226, 88.4765,
93.0751

92.8767, 98.8796,
108.7983

Harmonies

Analogous

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



55.7398, 40.0882, 36.2748



51.4256, 40.0882, 20.6501



43.7157, 40.0882, 13.5670

Triad

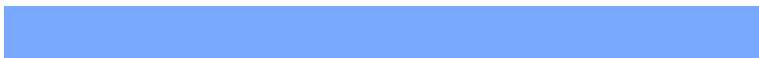
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



51.4256, 40.0882, 20.6501



25.1733, 40.0882, 30.0322



40.9039, 40.0882, 104.5514

Complementary

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



51.4256, 40.0882, 20.6501



50.0284, 62.5891, 99.0661

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.



32.9918, 40.0882, 100.9897



51.4256, 40.0882, 20.6501



24.6440, 40.0882, 51.9609

Square

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



51.4256, 40.0882, 20.6501



28.8723, 40.0882, 17.4883



27.3058, 40.0882, 79.4166



49.1162, 40.0882, 87.8965

Rectangle

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



51.4256, 40.0882, 20.6501



38.0924, 40.0882, 12.3652



27.3058, 40.0882, 79.4166



38.1129, 40.0882, 105.7878

Sweetspot

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



51.4266, 40.0903, 20.6508



79.6047, 78.5284, 74.7142



58.4355, 37.3355, 74.6948



16.6607, 16.2785, 15.1684



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.



51.4266, 40.0903, 20.6508



49.6791, 35.4053, 13.1682



64.1026, 65.4424, 24.8762



17.5237, 17.7832, 17.9713



21.5883, 12.1332, 1.2041



2.0701, 1.2651, 0.1351

Inverse Universe

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



50.0284, 62.5891, 99.0661



47.9621, 61.2511, 103.9025



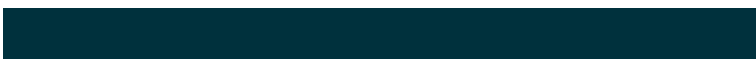
35.8087, 34.1498, 94.3262



17.4558, 18.9885, 22.1304



20.2561, 25.8678, 51.8989



1.9480, 2.5396, 4.8307

Previews

White Background



This preview shows how the XYZ color 51.4256, 40.0882, 20.6501 looks on a white background.

Color Contrast Check

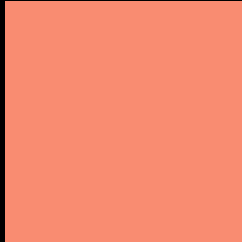
Large Text (above 18pt) WCAG AA × Fail

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 51.4256, 40.0882, 20.6501 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 51.4256, 40.0882, 20.6501

Background



This preview shows how black text looks on a background with the XYZ color 51.4256, 40.0882, 20.6501.



This preview shows how white text looks on a background with the XYZ color 51.4256, 40.0882,

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

51.4256, 40.0882, 20.6501

Protanopia

37.6691, 40.3231, 25.5364

Deuteranopia

41.0343, 40.2776, 20.0796



Tritanopia

53.6987, 40.1619, 31.7099

Trichromacy



Original Color

51.4256, 40.0882, 20.6501

Protanomaly

41.5815, 39.4421, 23.5107

Deuteranomaly

44.3546, 39.9406, 20.1234

Tritanomaly

52.6036, 39.9088, 27.1209

Monochromacy



Original Color

51.4256, 40.0882, 20.6501

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

41.3761, 39.1083, 33.8017

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.4256, 40.0882, 20.6501 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(249, 140, 113)` looks like.

```
.text, #text, p{  
    color:rgb(249, 140, 113)  
}
```

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(249, 140, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 140, 113) }
```

Border

The CSS property to change the border of an element to XYZ 51.4256, 40.0882, 20.6501 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(249, 140, 113) }
```


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

```
.border{ border-color:rgb(249, 140, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 140, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(249, 140, 113); -webkit-box-shadow:4px 4px 4px 4px rgb(249, 140, 113); box-shadow:4px 4px 4px 4px rgb(249, 140, 113) }
```

Background

The CSS property to change the background color of an element to XYZ 51.4256, 40.0882, 20.6501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 140, 113) }
```

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

```
.background{ background-color: rgb(249,  
140, 113) }
```

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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