

Converting Colors

XYZ(52.0223, 40.6718, 21.6094)

Have a look what the booklet for
XYZ(52.0223, 40.6718, 21.6094)
contains.

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Color

**XYZ(52.1016, 40.6347,
21.6202)**

Conversions

Conversions Part 1

Format	Color
Hex	FA8D74
RGB	250, 141, 116
RGB Percent	98%, 55%, 45%
CMY	0.0196, 0.4470, 0.5451
CMYK	0.00, 0.44, 0.54, 0.02
HSL	11°, 93%, 72%
HSV	11°, 54%, 98%
XYZ	52.1016, 40.6347, 21.6202
YIQ	170.7410, 72.9890, 15.3330

Conversions

Conversions Part 2

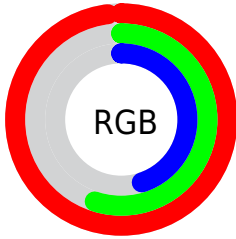
Format	Color
R _Y B	250, 147, 116
Decimal	16420212
CIE Lab	69.92, 38.86, 31.46
CIE LCh	70, 49.999, 38.987
Yxy	40.6347, 0.4556, 0.3553
Android (android.graphics.Color)	4294610292 (0xFFFA8D74)
YUV	170.7410, -26.9873, 69.5101
Hunter-Lab	63.7454, 34.3407, 24.5126

Details

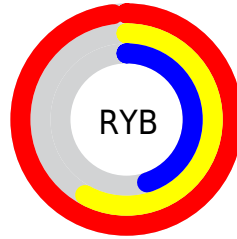
The XYZ color **52.1016, 40.6347, 21.6202** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **51.3813, 64.4621, 100.1765**, and the grayscale version is **38.6852, 40.6999, 44.3222**.

A 20% lighter version of the original color is **68.0478, 63.5670, 45.7289**, and **25.5718, 18.3688, 7.5079** is the 20% darker color. If you saturate the color by 10%, you get **48.1102, 34.6746, 14.0550**, and if you desaturate by 10%, it is **57.0367, 47.8564, 31.4308**.

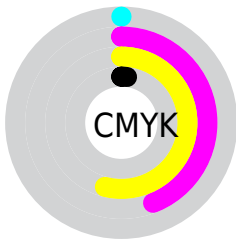
Distribution



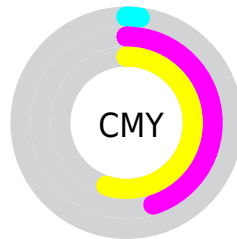
- Red (98%)
- Green (55%)
- Blue (45%)



- Red (98%)
- Yellow (58%)
- Blue (45%)



- Cyan (0%)
- Magenta (44%)
- Yellow (54%)
- Black (2%)





- Cyan (2%)
- Magenta (45%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.1016, 40.6347, 21.6202 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 52.1016, 40.6347, 21.6202 by changing the saturation by 10% instead.


 52.1016, 40.6347,
21.6202


 52.1016, 40.6347,
21.6202


385.1462,
348.7915, 273.4449

 37.3107, 28.0338,
13.3825

 92.4544, 76.1290,
47.0116

 25.6229, 18.3511,
7.5586


 118.7470, 99.7912,
65.0023

 16.6729, 11.2024,
3.7301


 149.6041,
127.9093, 87.0811

 10.0954, 6.2031,
1.4785

185.3912,
160.8676, 113.6664

 5.5250, 2.9690,
0.2018

226.4737,
199.0506, 145.1770

 2.5964, 1.1156,
0.0000

273.2167,

 0.9441, 0.0000,

242.8427, 182.0312

0.0000

325.9858,
292.6282, 224.6477

■ 0.0000, 0.0000,
0.0000

■ 52.1016, 40.6347,
21.6202

■ 52.1016, 40.6347,
21.6202

■ 48.1102, 34.6746,
14.0550

■ 57.0367, 47.8564,
31.4308

■ 44.9973, 29.8966,
8.5535

■ 62.9690, 56.4007,
43.6445

■ 42.6934, 26.2219,
4.9091

■ 69.9514, 66.3318,
58.4073

■ 41.1163, 23.5585,
2.8704

■ 78.0322, 77.7082,
75.8529

■ 40.4269, 22.3294,
2.1793

■ 87.2565, 90.5848,
96.1056

93.2342, 99.0639,
108.8150

Harmonies

Analogous

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



56.2248, 40.6347, 37.6085



52.1016, 40.6347, 21.6202



44.5071, 40.6347, 14.2164

Triad

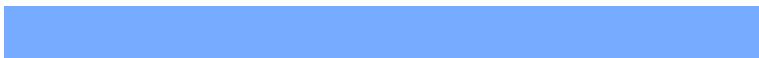
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



52.1016, 40.6347, 21.6202



25.7826, 40.6347, 30.0458



41.1176, 40.6347, 104.8852

Complementary

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



52.1016, 40.6347, 21.6202



51.3813, 64.4621, 100.1765

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.



33.2801, 40.6347, 100.6253



52.1016, 40.6347, 21.6202



25.1401, 40.6347, 51.6180

Square

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



52.1016, 40.6347, 21.6202



29.5927, 40.6347, 17.7587



27.6944, 40.6347, 78.8387



49.3233, 40.6347, 89.0011

Rectangle

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



52.1016, 40.6347, 21.6202



38.8992, 40.6347, 12.8671



27.6944, 40.6347, 78.8387



38.3462, 40.6347, 105.8535

Sweetspot

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



52.1026, 40.6368, 21.6209



79.4750, 78.2690, 74.6710



59.3195, 38.2749, 75.8057



16.6301, 16.2174, 15.1582



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.



52.1026, 40.6368, 21.6209



50.1540, 36.0111, 14.3869



65.0270, 66.4857, 25.9291



17.5066, 17.7491, 17.9656



21.5193, 11.9952, 1.1811



2.0614, 1.2476, 0.1322

Inverse Universe

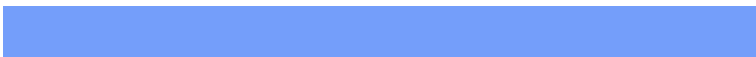
The Inverse Universe completely reimagines the original color for something new.



51.3813, 64.4621, 100.1765



49.2459, 63.0895, 104.1897



36.7589, 35.2172, 95.3023



17.4743, 19.0254, 22.1366



20.6237, 26.6029, 52.0214



1.9789, 2.6014, 4.8410

Previews

White Background



This preview shows how the XYZ color 52.1016, 40.6347, 21.6202 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 52.1016, 40.6347, 21.6202 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 52.1016, 40.6347, 21.6202

Background



This preview shows how black text looks on a background with the XYZ color 52.1016, 40.6347, 21.6202.



This preview shows how white text looks on a background with the XYZ color 52.1016, 40.6347,

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

52.1016, 40.6347, 21.6202

Protanopia

38.0538, 40.7781, 26.6342

Deuteranopia

41.6537, 40.8426, 21.0173



Tritanopia

54.3570, 40.6934, 32.5934

Trichromacy



Original Color

52.1016, 40.6347, 21.6202

Protanomaly

41.9410, 39.8622, 24.5524

Deuteranomaly

44.9933, 40.4988, 21.0684

Tritanomaly

53.3161, 40.4638, 28.2928

Monochromacy



Original Color

52.1016, 40.6347, 21.6202

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

41.9761, 39.6553, 34.7200

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1016, 40.6347, 21.6202 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(250, 141, 116)` looks like.

```
.text, #text, p{  
    color:rgb(250, 141, 116)  
}
```

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(250, 141, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 141, 116) }
```

Border

The CSS property to change the border of an element to XYZ 52.1016, 40.6347, 21.6202 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(250, 141, 116) }
```


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

```
.border{ border-color:rgb(250, 141, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 141, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 141, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 141, 116);  
box-shadow:4px 4px 4px 4px rgb(250, 141,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1016, 40.6347, 21.6202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 141, 116) }
```

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

```
.background{ background-color: rgb(250,  
141, 116) }
```

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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