

Converting Colors

XYZ(52.2937, 40.9638, 22.0729)

Have a look what the booklet for
XYZ(52.2937, 40.9638, 22.0729)
contains.

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Color

**XYZ(52.3082, 40.9543,
21.9777)**

Conversions

Conversions Part 1

Format	Color
Hex	FA8E75
RGB	250, 142, 117
RGB Percent	98%, 56%, 46%
CMY	0.0196, 0.4431, 0.5412
CMYK	0.00, 0.43, 0.53, 0.02
HSL	11°, 93%, 72%
HSV	11°, 53%, 98%
XYZ	52.3082, 40.9543, 21.9777
YIQ	171.4420, 72.3930, 15.1210

Conversions

Conversions Part 2

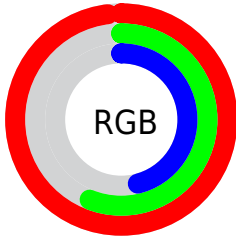
Format	Color
R _Y B	250, 148, 117
Decimal	16420469
CIE Lab	70.14, 38.44, 31.20
CIE LCh	70, 49.507, 39.072
Yxy	40.9543, 0.4539, 0.3554
Android (android.graphics.Color)	4294610549 (0xFFFA8E75)
YUV	171.4420, -26.8399, 68.8954
Hunter-Lab	63.9955, 33.9088, 24.4352

Details

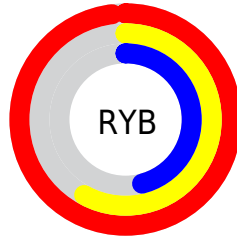
The XYZ color **52.3082, 40.9543, 21.9777** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **51.5151, 64.5312, 100.1827**, and the grayscale version is **39.0375, 41.0705, 44.7257**.

A 20% lighter version of the original color is **68.3677, 64.0571, 46.2970**, and **25.6858, 18.5485, 7.6953** is the 20% darker color. If you saturate the color by 10%, you get **48.2797, 34.9440, 14.3258**, and if you desaturate by 10%, it is **57.2812, 48.2258, 31.8812**.

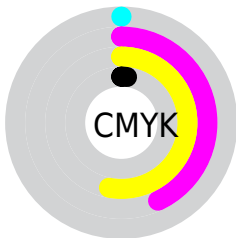
Distribution



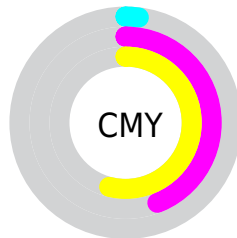
- Red (98%)
- Green (56%)
- Blue (46%)



- Red (98%)
- Yellow (58%)
- Blue (46%)



- Cyan (0%)
- Magenta (43%)
- Yellow (53%)
- Black (2%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.3082, 40.9543, 21.9777 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 52.3082, 40.9543, 21.9777 by changing the saturation by 10% instead.


 52.3082, 40.9543,
21.9777


 52.3082, 40.9543,
21.9777


385.9297,
350.1296, 275.3795


 37.4761, 28.2834,
13.6424


 92.7571, 76.6145,
47.6109

 25.7517, 18.5394,
7.7364

 119.1047,
100.3726, 65.7457

 16.7697, 11.3379,
3.8414


 150.0213,
128.5952, 87.9842

 10.1647, 6.2946,
1.5388

185.8726,
161.6667, 114.7449

 5.5714, 3.0250,
0.2466

227.0236,
199.9715, 146.4461

 2.6244, 1.1448,
0.0000

273.8400,

 0.9584, 0.0159,

243.8940, 183.5067

0.0000

326.6869,
293.8185, 226.3449

■ 0.0000, 0.0000,
0.0000

■ 52.3082, 40.9543,
21.9777

■ 52.3082, 40.9543,
21.9777

■ 48.2797, 34.9440,
14.3258

■ 57.2812, 48.2258,
31.8812

■ 45.1307, 30.1160,
8.7447

■ 63.2517, 56.8187,
44.1933

■ 42.7926, 26.3921,
5.0294

■ 70.2725, 66.7972,
59.0593

■ 41.1839, 23.6815,
2.9307

■ 78.3913, 78.2189,
76.6126

■ 40.4408, 22.3572,
2.1839

■ 87.6533, 91.1387,
96.9771

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.



56.4144, 40.9543, 37.9243



52.3082, 40.9543, 21.9777



44.7565, 40.9543, 14.5638

Triad

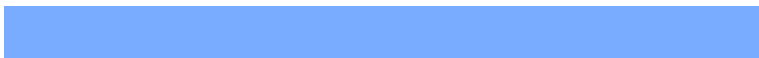
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



52.3082, 40.9543, 21.9777



26.1188, 40.9543, 30.4855



41.4328, 40.9543, 104.7106

Complementary

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



52.3082, 40.9543, 21.9777



51.5151, 64.5312, 100.1827

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.



33.6249, 40.9543, 100.5553



52.3082, 40.9543, 21.9777



25.4860, 40.9543, 51.9993

Square

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



52.3082, 40.9543, 21.9777



29.9137, 40.9543, 18.1593



28.0460, 40.9543, 79.0168



49.5875, 40.9543, 88.9428

Rectangle

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



52.3082, 40.9543, 21.9777



39.1785, 40.9543, 13.2154



28.0460, 40.9543, 79.0168



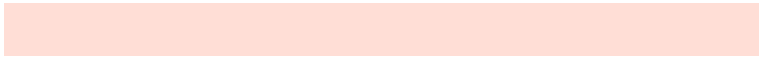
38.6742, 40.9543, 105.6888

Sweetspot

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



52.3092, 40.9564, 21.9785



79.4902, 78.2993, 74.6760



59.4605, 38.5168, 75.9765



16.6337, 16.2245, 15.1594



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.



52.3092, 40.9564, 21.9785



50.1822, 36.0675, 14.3963



65.1626, 66.6632, 26.2629



17.5086, 17.7531, 17.9663



21.5271, 12.0109, 1.1837



2.0624, 1.2496, 0.1325

Inverse Universe

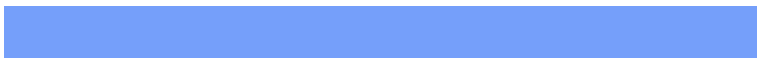
The Inverse Universe completely reimagines the original color for something new.



51.5151, 64.5312, 100.1827



49.1843, 62.9663, 104.1692



37.0099, 35.5208, 95.3477



17.4721, 19.0211, 22.1359



20.5803, 26.5162, 52.0070



1.9752, 2.5942, 4.8398

Previews

White Background



This preview shows how the XYZ color 52.3082, 40.9543, 21.9777 looks on a white background.

Color Contrast Check

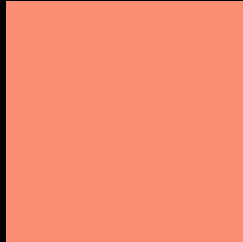
Large Text (above 18pt) WCAG AA × Fail

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 52.3082, 40.9543, 21.9777 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 52.3082, 40.9543, 21.9777

Background



This preview shows how black text looks on a background with the XYZ color 52.3082, 40.9543, 21.9777.



This preview shows how white text looks on a background with the XYZ color 52.3082, 40.9543,

21.9777.

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

52.3082, 40.9543, 21.9777

Protanopia

38.5490, 41.3071, 27.0604

Deuteranopia

41.9882, 41.0086, 21.3252



Tritanopia

54.5787, 41.0105, 33.0562

Trichromacy



Original Color

52.3082, 40.9543, 21.9777

Protanomaly

42.4590, 40.3803, 24.9584

Deuteranomaly

45.3572, 40.6798, 21.3810

Tritanomaly

53.5316, 40.7806, 28.7169

Monochromacy



Original Color

52.3082, 40.9543, 21.9777

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 52.3082, 40.9543, 21.9777 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, 142, 117)` looks like.

```
.text, #text, p{  
    color:rgb(250, 142, 117)  
}
```

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, 142, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 142, 117) }
```

Border

The CSS property to change the border of an element to XYZ 52.3082, 40.9543, 21.9777 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, 142, 117) }
```


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

```
.border{ border-color:rgb(250, 142, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 142, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 142, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 142, 117);  
box-shadow:4px 4px 4px 4px rgb(250, 142,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3082, 40.9543, 21.9777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 142, 117) }
```

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

```
.background{ background-color: rgb(250,  
142, 117) }
```

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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