

Converting Colors

XYZ(52.9942, 38.1047, 26.3916)

Have a look what the booklet for
XYZ(52.9942, 38.1047, 26.3916)
contains.

XYZ(52.9942, 38.1047, 26.3916)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(52.9942, 38.1047,
26.3916)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7F84
RGB	255, 127, 132
RGB Percent	100%, 50%, 52%
CMY	0.0000, 0.5019, 0.4823
CMYK	0.00, 0.50, 0.48, 0.00
HSL	358°, 100%, 75%
HSV	358°, 50%, 100%
XYZ	52.9942, 38.1047, 26.3916
YIQ	165.8420, 74.6830, 28.6910

Conversions

Conversions Part 2

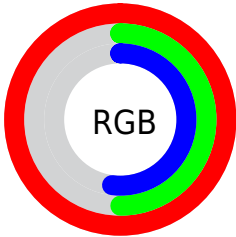
Format	Color
R _Y B	255, 127, 132
Decimal	16744324
CIE Lab	68.10, 49.04, 20.30
CIE LCh	68, 53.073, 22.484
Yxy	38.1047, 0.4511, 0.3243
Android (android.graphics.Color)	4294934404 (0xFFFF7F84)
YUV	165.8420, -16.6841, 78.1916
Hunter-Lab	61.7290, 45.2161, 17.8615

Details

The XYZ color **52.9942, 38.1047, 26.3916** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **61.7698, 82.9349, 103.2004**, and the grayscale version is **36.2231, 38.1096, 41.5013**.

A 20% lighter version of the original color is **66.7249, 58.2187, 53.6195**, and **26.1920, 16.8590, 10.0572** is the 20% darker color. If you saturate the color by 10%, you get **48.6230, 31.7382, 17.6104**, and if you desaturate by 10%, it is **58.5944, 46.2991, 37.5260**.

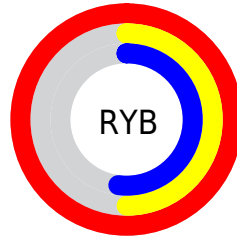
Distribution



Red (100%)

Green (50%)

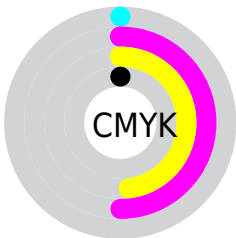
Blue (52%)



Red (100%)

Yellow (50%)

Blue (52%)

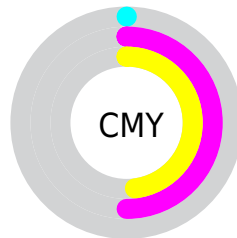


Cyan (0%)

Magenta (50%)

Yellow (48%)

Black (0%)



Cyan (0%)


Magenta (50%)

Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.9942, 38.1047, 26.3916 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 52.9942, 38.1047, 26.3916 by changing the saturation by 10% instead.


 52.9942, 38.1047,
26.3916


 52.9942, 38.1047,
26.3916


388.5241,
338.0689, 298.3656

 38.0256, 26.0640,
16.8884

 93.7614, 72.2686,
54.8978

 26.1799, 16.8715,
9.9939


 120.2907, 95.1605,
74.7380

 17.0916, 10.1429,
5.2893


 151.4043,
122.4383, 98.8609

 10.3956, 5.4938,
2.3563

187.4676,
154.4864, 127.6851

 5.7263, 2.5398,
0.7625

228.8458,
191.6890, 161.6291

 2.7184, 0.8965,
0.0000

275.9044,

 1.0067, 0.0000,

234.4308, 201.1115

0.0000

329.0087,
283.0959, 246.5508

■ 0.0000, 0.0000,
0.0000

■ 52.9942, 38.1047,
26.3916

■ 52.9942, 38.1047,
26.3916

■ 48.6230, 31.7382,
17.6104

■ 58.5944, 46.2991,
37.5260

■ 45.3858, 27.0543,
11.0116

■ 65.5035, 56.4405,
51.1639

■ 43.1784, 23.8953,
6.4045

■ 73.7978, 68.6448,
67.4453

■ 41.8761, 22.0709,
3.5649

■ 83.5473, 83.0173,
86.4994

■ 41.2943, 21.2817,
2.2170

94.8169, 99.6558,
108.4471

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



54.3886, 38.1047, 47.7386



52.9942, 38.1047, 26.3916



46.7944, 38.1047, 14.8290

Triad

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



52.9942, 38.1047, 26.3916



25.0081, 38.1047, 19.4698



34.1762, 38.1047, 105.0304

Complementary

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



52.9942, 38.1047, 26.3916



61.7698, 82.9349, 103.2004

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.



27.3678, 38.1047, 89.1331



52.9942, 38.1047, 26.3916



22.6246, 38.1047, 35.8111

Square

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



52.9942, 38.1047, 26.3916



30.4680, 38.1047, 12.0256



23.4175, 38.1047, 61.4652



42.6480, 38.1047, 99.4276

Rectangle

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



52.9942, 38.1047, 26.3916



41.2193, 38.1047, 11.4437



23.4175, 38.1047, 61.4652



31.6374, 38.1047, 101.8661

Sweetspot

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



52.9952, 38.1067, 26.3923



78.6751, 75.8316, 76.9862



64.5648, 42.4671, 99.4014



16.4057, 15.5913, 15.6297



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.



52.9952, 38.1067, 26.3923



48.6965, 31.8448, 17.7586



62.3374, 57.3250, 27.8607



18.0381, 17.9985, 18.8177



21.5897, 11.1252, 1.2237



2.1118, 1.0871, 0.1699

Inverse Universe

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



52.9952, 38.1067, 26.3923



48.6965, 31.8448, 17.7586



46.8615, 51.8486, 102.1453



18.0381, 17.9985, 18.8177



21.5897, 11.1252, 1.2237



2.1118, 1.0871, 0.1699

Previews

White Background



This preview shows how the XYZ color 52.9942, 38.1047, 26.3916 looks on a white background.

Color Contrast Check

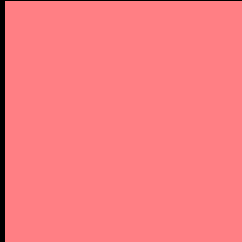
Large Text (above 18pt) WCAG AA × Fail

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 52.9942, 38.1047, 26.3916 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 52.9942, 38.1047, 26.3916

Background



This preview shows how black text looks on a background with the XYZ color 52.9942, 38.1047, 26.3916.



This preview shows how white text looks on a background with the XYZ color 52.9942, 38.1047,

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

52.9942, 38.1047, 26.3916

Protanopia

36.4557, 38.3910, 34.7669

Deuteranopia

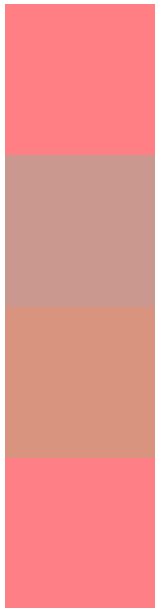
39.1017, 38.3837, 25.0866



Tritanopia

53.2733, 38.2163, 27.8612

Trichromacy



Original Color

52.9942, 38.1047, 26.3916

Protanomaly

40.8909, 37.1666, 31.4042

Deuteranomaly

43.1015, 37.4900, 25.3867

Tritanomaly

53.2025, 38.1880, 27.4886

Monochromacy



Original Color

52.9942, 38.1047, 26.3916

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

40.3497, 36.7953, 35.5474

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9942, 38.1047, 26.3916 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, 127, 132)` looks like.

```
.text, #text, p{  
    color:rgb(255, 127, 132)  
}
```

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, 127, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 127, 132) }
```

Border

The CSS property to change the border of an element to XYZ 52.9942, 38.1047, 26.3916 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, 127, 132) }
```


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

```
.border{ border-color:rgb(255, 127, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 127, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 127, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 127, 132);  
box-shadow:4px 4px 4px 4px rgb(255, 127,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9942, 38.1047, 26.3916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 127, 132) }
```

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

```
.background{ background-color: rgb(255,  
127, 132) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor