

Converting Colors

XYZ(52.1231, 35.8744, 27.6517)

Have a look what the booklet for
XYZ(52.1231, 35.8744, 27.6517)
contains.

XYZ(52.0452, 35.7602, 27.4519)	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(52.0452, 35.7602,
27.4519)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7588
RGB	255, 117, 136
RGB Percent	100%, 46%, 53%
CMY	0.0000, 0.5411, 0.4667
CMYK	0.00, 0.54, 0.47, 0.00
HSL	352°, 100%, 73%
HSV	352°, 54%, 100%
XYZ	52.0452, 35.7602, 27.4519
YIQ	160.4280, 76.1490, 35.1650

Conversions

Conversions Part 2

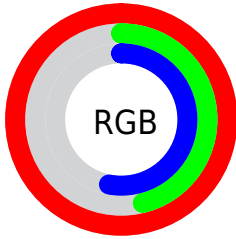
Format	Color
R_{YB}	255, 117, 136
Decimal	16741768
CIE _{Lab}	66.34, 54.16, 15.61
CIE _{LCh}	66, 56.365, 16.080
Yxy	35.7602, 0.4516, 0.3103
Android (android.graphics.Color)	4294931848 (0xFFFF7588)
YUV	160.4280, -12.0430, 82.9396
Hunter-Lab	59.7998, 50.7030, 14.6420

Details

The XYZ color **52.0452, 35.7602, 27.4519** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **58.2385, 81.3587, 91.9967**, and the grayscale version is **33.6417, 35.3937, 38.5438**.

A 20% lighter version of the original color is **65.3689, 54.8213, 55.2804**, and **25.6505, 15.5865, 10.4607** is the 20% darker color. If you saturate the color by 10%, you get **48.0624, 30.0445, 19.1888**, and if you desaturate by 10%, it is **57.1595, 43.2259, 37.6746**.

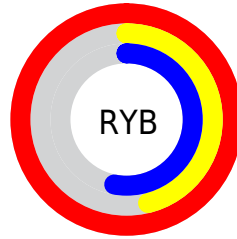
Distribution



Red (100%)

Green (46%)

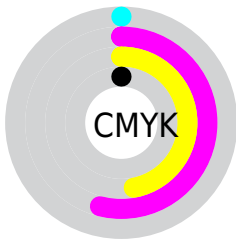
Blue (53%)



Red (100%)

Yellow (46%)

Blue (53%)

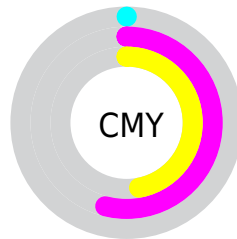


Cyan (0%)

Magenta (54%)

Yellow (47%)

Black (0%)



Cyan (0%)


Magenta (54%)


Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.0452, 35.7602, 27.4519 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 52.0452, 35.7602, 27.4519 by changing the saturation by 10% instead.


 52.0452, 35.7602,
27.4519


 52.0452, 35.7602,
27.4519

384.9322,
327.9112, 303.6676


 37.2655, 24.2491,
17.6775

 92.3717, 68.6618,
56.6207

 25.5878, 15.5185,
10.5516


 118.6493, 90.8210,
76.8522

 16.6466, 9.1841,
5.6559

 149.4902,
117.2984, 101.4064

 10.0766, 4.8614,
2.5716

185.2598,
148.4783, 130.7019

 5.5124, 2.1662,
0.8777

226.3234,
184.7451, 165.1572

 2.5887, 0.7015,
0.0000

273.0465,

 0.9402, 0.0000,

226.4833, 205.1909

0.0000

325.7943,
274.0772, 251.2215

■ 0.0000, 0.0000,
0.0000

■ 52.0452, 35.7602,
27.4519

■ 52.0452, 35.7602,
27.4519

■ 48.0624, 30.0445,
19.1888

■ 57.1595, 43.2259,
37.6746

■ 45.1212, 25.9304,
12.7568

■ 63.4804, 52.5628,
49.9700

■ 43.1223, 23.2546,
8.0151

■ 71.0797, 63.8880,
64.4449

■ 41.9451, 21.8155,
4.8007

■ 80.0229, 77.3071,
81.1981

■ 41.5446, 21.3818,
3.5351

■ 90.3709, 92.9185,
100.3224

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.



52.2553, 35.7602, 51.1941



52.0452, 35.7602, 27.4519



46.5053, 35.7602, 14.1731

Triad

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



52.0452, 35.7602, 27.4519



23.6077, 35.7602, 14.8125



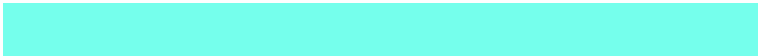
30.2400, 35.7602, 103.5316

Complementary

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



52.0452, 35.7602, 27.4519



58.2385, 81.3587, 91.9967

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.



23.9478, 35.7602, 82.8090



52.0452, 35.7602, 27.4519



20.5689, 35.7602, 28.8110

Square

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



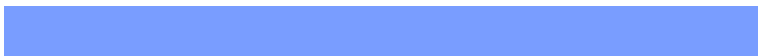
52.0452, 35.7602, 27.4519



29.6980, 35.7602, 9.2119



20.6821, 35.7602, 53.2470



38.6746, 35.7602, 102.6659

Rectangle

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



52.0452, 35.7602, 27.4519



40.9872, 35.7602, 10.0668



20.6821, 35.7602, 53.2470



27.8365, 35.7602, 98.5814

Sweetspot

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



52.0461, 35.7621, 27.4525



78.2311, 74.6120, 77.8604



58.4428, 37.4880, 98.7630



16.3380, 15.3591, 15.9059



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.



52.0461, 35.7621, 27.4525



47.7614, 29.6177, 18.5471



57.9615, 49.5650, 23.3444



18.1112, 18.0278, 19.2025



21.7389, 11.1848, 2.0094



2.1462, 1.1009, 0.3513

Inverse Universe

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



52.0461, 35.7621, 27.4525



47.7614, 29.6177, 18.5471



47.6281, 55.4842, 102.8066



18.1112, 18.0278, 19.2025



21.7389, 11.1848, 2.0094



2.1462, 1.1009, 0.3513

Previews

White Background



This preview shows how the XYZ color 52.0452, 35.7602, 27.4519 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 52.0452, 35.7602, 27.4519 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 52.0452, 35.7602, 27.4519

Background



This preview shows how black text looks on a background with the XYZ color 52.0452, 35.7602, 27.4519.



This preview shows how white text looks on a background with the XYZ color 52.0452, 35.7602,

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

52.0452, 35.7602, 27.4519

Protanopia

34.5199, 35.9923, 37.9287

Deuteranopia

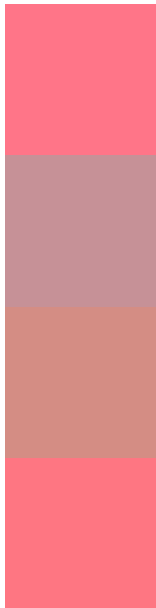
36.4896, 35.7458, 26.0955



Tritanopia

51.3006, 35.7968, 24.2843

Trichromacy



Original Color

52.0452, 35.7602, 27.4519

Protanomaly

39.0000, 34.4909, 33.8800

Deuteranomaly

40.8411, 34.7127, 26.3775

Tritanomaly

51.3807, 35.6394, 25.2901

Monochromacy



Original Color

52.0452, 35.7602, 27.4519

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

38.0648, 33.7830, 33.7927

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0452, 35.7602, 27.4519 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, 117, 136)` looks like.

```
.text, #text, p{  
    color:rgb(255, 117, 136)  
}
```

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, 117, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 117, 136) }
```

Border

The CSS property to change the border of an element to XYZ 52.0452, 35.7602, 27.4519 is called "border". The border property can be set on classes, ids or directly on the HTML element.

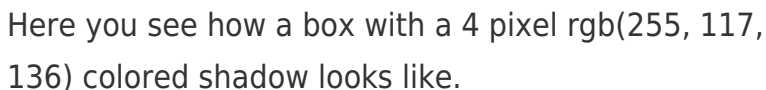
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 117, 136) }
```


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

```
.border{ border-color:rgb(255, 117, 136) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 117, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 117, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 117, 136); box-shadow:4px 4px 4px 4px rgb(255, 117, 136) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0452, 35.7602, 27.4519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 117, 136) }
```

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

```
.background{ background-color: rgb(255,  
117, 136) }
```

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