

Converting Colors

XYZ(59.2070, 38.7417, 31.1698)

Have a look what the booklet for
XYZ(59.2070, 38.7417, 31.1698)
contains.

XYZ(52.2560, 35.1146, 30.8117)	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(52.2560, 35.1146,
30.8117)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7191
RGB	255, 113, 145
RGB Percent	100%, 44%, 57%
CMY	0.0000, 0.5568, 0.4314
CMYK	0.00, 0.56, 0.43, 0.00
HSL	346°, 100%, 72%
HSV	346°, 56%, 100%
XYZ	52.2560, 35.1146, 30.8117
YIQ	159.1060, 74.3600, 40.0560

Conversions

Conversions Part 2

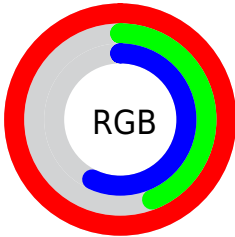
Format	Color
RYB	255, 113, 145
Decimal	16740753
CIELab	65.84, 56.86, 9.79
CIElCh	66, 57.697, 9.774
Yxy	35.1146, 0.4422, 0.2971
Android (android.graphics.Color)	4294930833 (0xFFFF7191)
YUV	159.1060, -6.9543, 84.0990
Hunter-Lab	59.2576, 53.7086, 10.6517

Details

The XYZ color **52.2560, 35.1146, 30.8117** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **55.8914, 80.3593, 82.3823**, and the grayscale version is **33.0114, 34.7305, 37.8216**.

A 20% lighter version of the original color is **65.7368, 53.7595, 60.9447**, and **25.7279, 15.1239, 12.3897** is the 20% darker color. If you saturate the color by 10%, you get **48.4069, 29.6460, 22.6556**, and if you desaturate by 10%, it is **57.1708, 42.2909, 40.6304**.

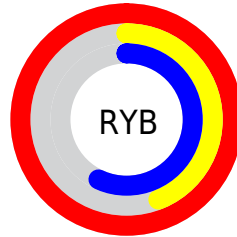
Distribution



Red (100%)

Green (44%)

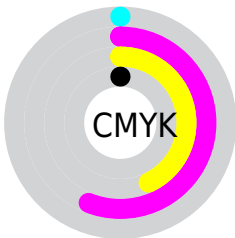
Blue (57%)



Red (100%)

Yellow (44%)

Blue (57%)

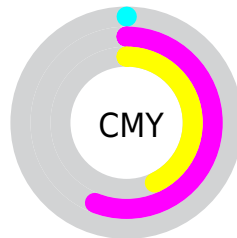


Cyan (0%)

Magenta (56%)

Yellow (43%)

Black (0%)



Cyan (0%)


Magenta (56%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.2560, 35.1146, 30.8117 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 52.2560, 35.1146, 30.8117 by changing the saturation by 10% instead.


 52.2560, 35.1146,
30.8117


 52.2560, 35.1146,
30.8117

385.7319,
325.0739, 319.9942


 37.4343, 23.7512,
20.1982

 92.6807, 67.6633,
62.0196

 25.7191, 15.1491,
12.3537


 119.0143, 89.6173,
83.4511

 16.7452, 8.9241,
6.8596


 149.9160,
115.8703, 109.3257

 10.1472, 4.6917,
3.2973

185.7510,
146.8067, 140.0620

 5.5597, 2.0675,
1.2484

226.8847,
182.8108, 176.0784

 2.6173, 0.6463,
0.0189

273.6826,

 0.9548, 0.0000,

224.2671, 217.7935

0.0000

326.5098,
271.5600, 265.6260

■ 0.0000, 0.0000,
0.0000

■ 52.2560, 35.1146,
30.8117

■ 52.2560, 35.1146,
30.8117

■ 48.4069, 29.6460,
22.6556

■ 57.1708, 42.2909,
40.6304

■ 45.5382, 25.7362,
16.0650

■ 63.2222, 51.2960,
52.1971

■ 43.5555, 23.2204,
10.9351

■ 70.4779, 62.2466,
65.5934

■ 42.3426, 21.8927,
7.1456

■ 78.9996, 75.2479,
80.8950

■ 41.9899, 21.5600,
5.8790

■ 88.8446, 90.3977,
98.1736

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



51.2217, 35.1146, 56.8499



52.2560, 35.1146, 30.8117



47.6110, 35.1146, 15.3928

Triad

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



52.2560, 35.1146, 30.8117



23.9562, 35.1146, 12.3279



28.0275, 35.1146, 101.2904

Complementary

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



52.2560, 35.1146, 30.8117



55.8914, 80.3593, 82.3823

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.



22.3044, 35.1146, 76.7743



52.2560, 35.1146, 30.8117



20.2461, 35.1146, 24.2026

Square

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



52.2560, 35.1146, 30.8117



30.6717, 35.1146, 8.1363



19.6978, 35.1146, 46.7613



36.2334, 35.1146, 105.5840

Rectangle

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



52.2560, 35.1146, 30.8117



42.3173, 35.1146, 10.3401



19.6978, 35.1146, 46.7613



25.7911, 35.1146, 94.7645

Sweetspot

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



52.2569, 35.1165, 30.8123



77.8029, 73.4149, 78.7683



54.0400, 34.5409, 98.4265



16.2717, 15.1306, 16.1793



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.



52.2569, 35.1165, 30.8123



47.9749, 29.0451, 21.7002



55.2672, 44.5447, 21.3103



18.1770, 18.0541, 19.5490



21.9865, 11.2839, 3.3135



2.1799, 1.1143, 0.5287

Inverse Universe

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



52.2569, 35.1165, 30.8123



47.9749, 29.0451, 21.7002



49.7089, 60.4268, 103.6513



18.1770, 18.0541, 19.5490



21.9865, 11.2839, 3.3135



2.1799, 1.1143, 0.5287

Previews

White Background



This preview shows how the XYZ color 52.2560, 35.1146, 30.8117 looks on a white background.

Color Contrast Check

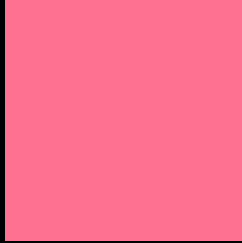
Large Text (above 18pt) WCAG AA × Fail

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 52.2560, 35.1146, 30.8117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

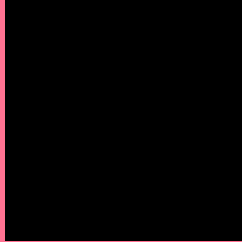
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.2560, 35.1146, 30.8117

Background



This preview shows how black text looks on a background with the XYZ color 52.2560, 35.1146, 30.8117.



This preview shows how white text looks on a background with the XYZ color 52.2560, 35.1146,

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

52.2560, 35.1146, 30.8117

Protanopia

34.2460, 35.2101, 43.5194

Deuteranopia

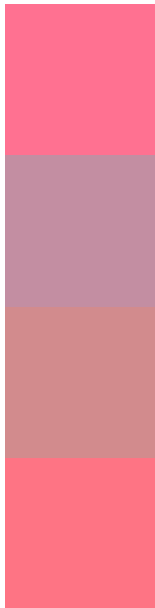
35.9102, 35.1365, 28.9341



Tritanopia

50.9360, 35.2741, 23.5260

Trichromacy



Original Color

52.2560, 35.1146, 30.8117

Protanomaly

38.7003, 33.5567, 38.6198

Deuteranomaly

40.6187, 34.0900, 29.6385

Tritanomaly

51.2833, 35.2276, 25.9265

Monochromacy



Original Color

52.2560, 35.1146, 30.8117

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

37.7539, 33.1484, 34.9803

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2560, 35.1146, 30.8117 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, 113, 145)` looks like.

```
.text, #text, p{  
    color:rgb(255, 113, 145)  
}
```

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, 113, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 113, 145) }
```

Border

The CSS property to change the border of an element to XYZ 52.2560, 35.1146, 30.8117 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, 113, 145) }
```


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

```
.border{ border-color:rgb(255, 113, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 113, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 113, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 113, 145);  
box-shadow:4px 4px 4px 4px rgb(255, 113,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2560, 35.1146, 30.8117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 113, 145) }
```

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

```
.background{ background-color: rgb(255,  
113, 145) }
```

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