

Converting Colors

XYZ(103.6779, 65.2955,
59.5023)

Have a look what the booklet for
XYZ(103.6779, 65.2955, 59.5023)
contains.

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Color

**XYZ(60.0080, 42.8538,
57.3334)**

Conversions

Conversions Part 1

Format	Color
Hex	FF88C4
RGB	255, 136, 196
RGB Percent	100%, 53%, 77%
CMY	0.0000, 0.4666, 0.2314
CMYK	0.00, 0.47, 0.23, 0.00
HSL	330°, 100%, 77%
HSV	330°, 47%, 100%
XYZ	60.0080, 42.8538, 57.3334
YIQ	178.4210, 51.6640, 43.8880

Conversions

Conversions Part 2

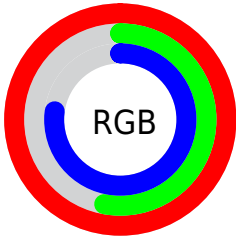
Format	Color
R _Y B	255, 136, 196
Decimal	16746692
CIE _{Lab}	71.46, 51.97, -10.72
CIE _{LCh}	71, 53.067, 348.349
Yxy	42.8538, 0.3746, 0.2675
Android (android.graphics.Color)	4294936772 (0xFFFF88C4)
YUV	178.4210, 8.6664, 67.1598
Hunter-Lab	65.4628, 49.0662, -6.1032

Details

The XYZ color **60.0080, 42.8538, 57.3334** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **55.7654, 80.6952, 64.2698**, and the grayscale version is **42.4773, 44.6895, 48.6668**.

A 20% lighter version of the original color is **77.8193, 66.0511, 101.5761**, and **30.6647, 19.7233, 27.7820** is the 20% darker color. If you saturate the color by 10%, you get **55.4553, 35.9553, 49.0123**, and if you desaturate by 10%, it is **65.5382, 51.5130, 66.5797**.

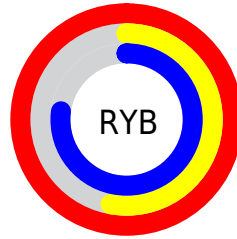
Distribution



Red (100%)

Green (53%)

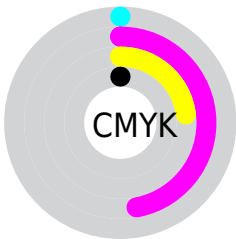
Blue (77%)



Red (100%)

Yellow (53%)

Blue (77%)

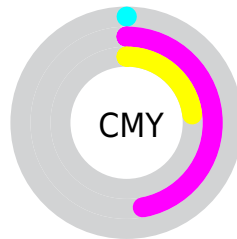


Cyan (0%)

Magenta (47%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (47%)


Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.0080, 42.8538, 57.3334 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 60.0080, 42.8538, 57.3334 by changing the saturation by 10% instead.


 60.0080, 42.8538,
57.3334


 60.0080, 42.8538,
57.3334


414.4615,
358.0102, 432.2261


 43.6746, 29.7704,
40.8618

 103.9476, 79.4902,
102.4567

 30.6116, 19.6644,
27.8923


 132.2844,
103.8120, 131.9454

 20.4536, 12.1513,
18.0061


 165.3531,
132.6487, 166.6104

 12.8354, 6.8468,
10.7849

203.5189,
166.3848, 206.8700

 7.3915, 3.3665,
5.8100

247.1474,
205.4046, 253.1428

 3.7566, 1.3259,
2.6630

296.6037,

 1.5654, 0.1611,

250.0925, 305.8474

0.9247

352.2533,
300.8329, 365.4023

■ 0.3697, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.0080, 42.8538,
57.3334

■ 60.0080, 42.8538,
57.3334

■ 55.4553, 35.9553,
49.0123

■ 65.5382, 51.5130,
66.5797

■ 51.8125, 30.6874,
41.5778

■ 72.1012, 62.0393,
76.7823

■ 49.0078, 26.9113,
34.9911

■ 79.7517, 74.5372,
87.9737

■ 46.9561, 24.4620,
29.2079

■ 88.5393, 89.1021,
100.1836

■ 45.5511, 23.1322,
24.1763

95.0500, 100.0000,
108.9000

■ 45.1737, 22.8335,
22.6444

Harmonies

Analogous

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



54.9838, 42.8538, 87.6561



60.0080, 42.8538, 57.3334



59.3371, 42.8538, 32.8067

Triad

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



60.0080, 42.8538, 57.3334



35.5526, 42.8538, 13.7814



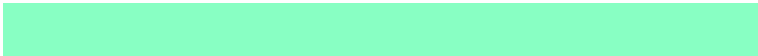
30.3353, 42.8538, 93.9995

Complementary

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



60.0080, 42.8538, 57.3334



55.7654, 80.6952, 64.2698

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.



26.4886, 42.8538, 63.9506



60.0080, 42.8538, 57.3334



29.1827, 42.8538, 20.9806

Square

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



60.0080, 42.8538, 57.3334



44.3049, 42.8538, 13.1312



26.1001, 42.8538, 37.4018



37.3552, 42.8538, 113.4511

Rectangle

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



60.0080, 42.8538, 57.3334



55.7658, 42.8538, 22.2831



26.1001, 42.8538, 37.4018



28.6754, 42.8538, 84.3865

Sweetspot

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



60.0090, 42.8557, 57.3342



81.9797, 78.2116, 91.1258



48.9802, 36.2361, 99.0205



17.1595, 16.1011, 18.9570



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.



60.0090, 42.8557, 57.3342



55.7287, 36.3615, 49.5370



54.6318, 40.7049, 29.0183



18.3915, 18.1399, 20.6786



23.6797, 11.9612, 12.2298



2.3608, 1.1867, 1.4812

Inverse Universe

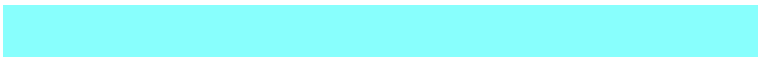
The Inverse Universe completely reimagines the original color for something new.



60.0090, 42.8557, 57.3342



55.7287, 36.3615, 49.5370



63.6467, 83.8477, 105.7722



18.3915, 18.1399, 20.6786



23.6797, 11.9612, 12.2298



2.3608, 1.1867, 1.4812

Previews

White Background



This preview shows how the XYZ color 60.0080, 42.8538, 57.3334 looks on a white background.

Color Contrast Check

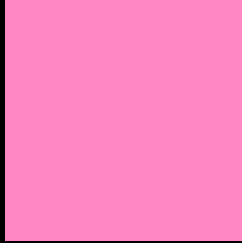
Large Text (above 18pt) WCAG AA × Fail

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 60.0080, 42.8538, 57.3334 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 60.0080, 42.8538, 57.3334

Background



This preview shows how black text looks on a background with the XYZ color 60.0080, 42.8538, 57.3334.



This preview shows how white text looks on a background with the XYZ color 60.0080, 42.8538,

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

60.0080, 42.8538, 57.3334

Protanopia

43.4970, 43.3851, 74.4882

Deuteranopia

43.9187, 42.9063, 54.6822



Tritanopia

55.6733, 42.8223, 36.3416

Trichromacy



Original Color

60.0080, 42.8538, 57.3334



Protanomaly

47.4804, 41.7654, 67.8464



Deuteranomaly

48.6053, 42.1084, 55.4351



Tritanomaly

56.9255, 42.6475, 43.2617

Monochromacy



Original Color

60.0080, 42.8538, 57.3334



Achromatopsia

42.3164, 44.5201, 48.4824



Achromatomaly

47.3077, 42.8190, 51.6704

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0080, 42.8538, 57.3334 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, 136, 196)` looks like.

```
.text, #text, p{  
    color:rgb(255, 136, 196)  
}
```

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, 136, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 136, 196) }
```

Border

The CSS property to change the border of an element to XYZ 60.0080, 42.8538, 57.3334 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, 136, 196) }
```


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

```
.border{ border-color:rgb(255, 136, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 136, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 136, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 136, 196);  
box-shadow:4px 4px 4px 4px rgb(255, 136,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0080, 42.8538, 57.3334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 136, 196) }
```

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

```
.background{ background-color: rgb(255,  
136, 196) }
```

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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