

Converting Colors

XYZ(60.3623, 42.9437, 59.3592)

Have a look what the booklet for
XYZ(60.3623, 42.9437, 59.3592)
contains.

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Color

**XYZ(60.3530, 42.9918,
59.1501)**

Conversions

Conversions Part 1

Format	Color
Hex	FF88C7
RGB	255, 136, 199
RGB Percent	100%, 53%, 78%
CMY	0.0000, 0.4666, 0.2196
CMYK	0.00, 0.47, 0.22, 0.00
HSL	328°, 100%, 77%
HSV	328°, 47%, 100%
XYZ	60.3530, 42.9918, 59.1501
YIQ	178.7630, 50.7010, 44.8210

Conversions

Conversions Part 2

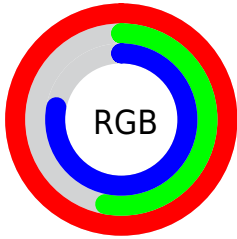
Format	Color
R _Y B	255, 136, 199
Decimal	16746695
CIE _{Lab}	71.55, 52.39, -12.24
CIE _{LCh}	72, 53.801, 346.846
Yxy	42.9918, 0.3714, 0.2646
Android (android.graphics.Color)	4294936775 (0xFFFF88C7)
YUV	178.7630, 9.9768, 66.8598
Hunter-Lab	65.5681, 49.5583, -7.5888

Details

The XYZ color **60.3530, 42.9918, 59.1501** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **55.4295, 80.5608, 62.5009**, and the grayscale version is **42.6524, 44.8737, 48.8675**.

A 20% lighter version of the original color is **78.1396, 66.1793, 103.2632**, and **30.8931, 19.8147, 28.9844** is the 20% darker color. If you saturate the color by 10%, you get **55.8404, 36.1094, 51.0406**, and if you desaturate by 10%, it is **65.8316, 51.6304, 68.1248**.

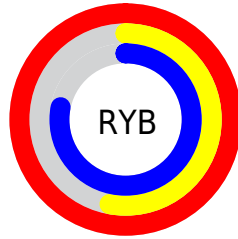
Distribution



Red (100%)

Green (53%)

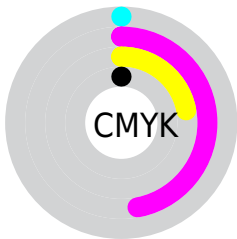
Blue (78%)



Red (100%)

Yellow (53%)

Blue (78%)

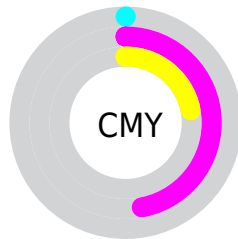


Cyan (0%)

Magenta (47%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (47%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.3530, 42.9918, 59.1501 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 60.3530, 42.9918, 59.1501 by changing the saturation by 10% instead.


 60.3530, 42.9918,
59.1501


 60.3530, 42.9918,
59.1501


415.7116,
358.5780, 439.1753

 43.9538, 29.8787,
42.3132

 104.4450, 79.6985,
105.1271

 30.8319, 19.7465,
29.0192

 132.8685,
104.0608, 135.1041

 20.6221, 12.2109,
18.8496


 166.0308,
132.9417, 170.2984

 12.9589, 6.8875,
11.3860

204.2972,
166.7256, 211.1282

 7.4771, 3.3918,
6.2096

248.0332,
205.7967, 258.0123

 3.8112, 1.3396,
2.9021

297.6040,

 1.5959, 0.1715,

250.5396, 311.3692

1.0449

353.3750,
301.3386, 371.6173

■ 0.3897, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.3530, 42.9918,
59.1501

■ 60.3530, 42.9918,
59.1501

■ 55.8404, 36.1094,
51.0406

■ 65.8316, 51.6304,
68.1248

■ 52.2269, 30.8532,
43.7599

■ 72.3312, 62.1313,
77.9936

■ 49.4409, 27.0846,
37.2720

■ 79.9060, 74.5989,
88.7865

■ 47.3980, 24.6388,
31.5353

■ 88.6054, 89.1285,
100.5314

■ 45.9924, 23.3087,
26.5004

95.0500, 100.0000,
108.9000

■ 45.6128, 23.0091,
24.9570

Harmonies

Analogous

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



54.9844, 42.9918, 90.0690



60.3530, 42.9918, 59.1501



59.9758, 42.9918, 33.7519

Triad

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



60.3530, 42.9918, 59.1501



36.0039, 42.9918, 13.3891



30.0365, 42.9918, 93.6430

Complementary

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



60.3530, 42.9918, 59.1501



55.4295, 80.5608, 62.5009

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.



26.3139, 42.9918, 62.8662



60.3530, 42.9918, 59.1501



29.3926, 42.9918, 20.2438

Square

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



60.3530, 42.9918, 59.1501



44.9701, 42.9918, 13.0300



26.0972, 42.9918, 36.3192



37.0128, 42.9918, 114.4240

Rectangle

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



60.3530, 42.9918, 59.1501



56.5048, 42.9918, 22.7537



26.0972, 42.9918, 36.3192



28.4113, 42.9918, 83.6985

Sweetspot

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



60.3540, 42.9937, 59.1509



82.1118, 78.2645, 91.8213



48.4762, 35.9763, 98.9969



17.1916, 16.1140, 19.1263



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.



60.3540, 42.9937, 59.1509



56.1115, 36.5146, 51.5531



54.7767, 40.7628, 29.7815



18.4112, 18.1478, 20.7828



23.9098, 12.0532, 13.4416



2.3833, 1.1957, 1.5996

Inverse Universe

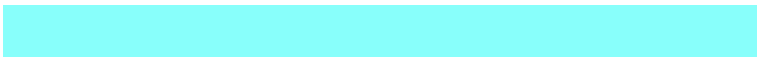
The Inverse Universe completely reimagines the original color for something new.



60.3540, 42.9937, 59.1509



56.1115, 36.5146, 51.5531



63.3323, 83.7219, 104.1165



18.4112, 18.1478, 20.7828



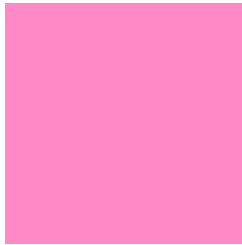
23.9098, 12.0532, 13.4416



2.3833, 1.1957, 1.5996

Previews

White Background



This preview shows how the XYZ color 60.3530, 42.9918, 59.1501 looks on a white background.

Color Contrast Check

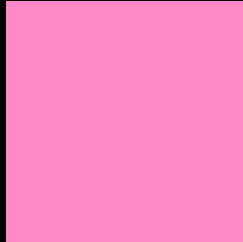
Large Text (above 18pt) WCAG AA × Fail

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 60.3530, 42.9918, 59.1501 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 60.3530, 42.9918, 59.1501

Background



This preview shows how black text looks on a background with the XYZ color 60.3530, 42.9918, 59.1501.



This preview shows how white text looks on a background with the XYZ color 60.3530, 42.9918,

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

60.3530, 42.9918, 59.1501

Protanopia

43.6949, 43.4405, 76.6029

Deuteranopia

44.1961, 43.2904, 56.4786



Tritanopia

55.8255, 43.1266, 36.3923

Trichromacy



Original Color

60.3530, 42.9918, 59.1501



Protanomaly

47.6015, 41.7837, 69.8462



Deuteranomaly

48.6555, 42.0955, 57.1906



Tritanomaly

57.1686, 42.9817, 43.8113

Monochromacy



Original Color

60.3530, 42.9918, 59.1501



Achromatopsia

42.8472, 45.0786, 49.0906



Achromatomaly

47.6922, 43.0050, 52.2415

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3530, 42.9918, 59.1501 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, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 136, 199)  
}
```

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, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 136, 199) }
```

Border

The CSS property to change the border of an element to XYZ 60.3530, 42.9918, 59.1501 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, 199) }
```


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

```
.border{ border-color:rgb(255, 136, 199) }
```

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, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 136, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 136, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 136,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3530, 42.9918, 59.1501 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, 199) }
```

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

```
.background{ background-color: rgb(255,  
136, 199) }
```

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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