

Converting Colors

XYZ(82.8283, 53.3684, 60.9453)

Have a look what the booklet for
XYZ(82.8283, 53.3684, 60.9453)
contains.

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Color

**XYZ(59.7652, 41.4423,
60.1075)**

Conversions

Conversions Part 1

Format	Color
Hex	FF82C9
RGB	255, 130, 201
RGB Percent	100%, 51%, 79%
CMY	0.0000, 0.4902, 0.2118
CMYK	0.00, 0.49, 0.21, 0.00
HSL	326°, 100%, 75%
HSV	326°, 49%, 100%
XYZ	59.7652, 41.4423, 60.1075
YIQ	175.4690, 51.7090, 48.5810

Conversions

Conversions Part 2

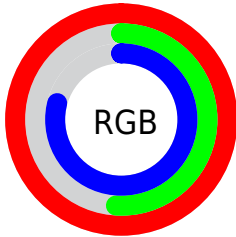
Format	Color
R _Y B	255, 130, 201
Decimal	16745161
CIE Lab	70.48, 55.58, -14.95
CIE LCh	70, 57.556, 344.940
Yxy	41.4423, 0.3705, 0.2569
Android (android.graphics.Color)	4294935241 (0xFFFF82C9)
YUV	175.4690, 12.5868, 69.7487
Hunter-Lab	64.3757, 53.0586, -10.2960

Details

The XYZ color **59.7652, 41.4423, 60.1075** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **53.6194, 79.7273, 57.9138**, and the grayscale version is **40.9098, 43.0403, 46.8709**.

A 20% lighter version of the original color is **76.8489, 63.5978, 102.8330**, and **30.5475, 18.8745, 29.6369** is the 20% darker color. If you saturate the color by 10%, you get **55.5341, 34.9800, 52.5310**, and if you desaturate by 10%, it is **64.9318, 49.6262, 68.4553**.

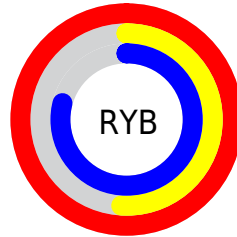
Distribution



Red (100%)

Green (51%)

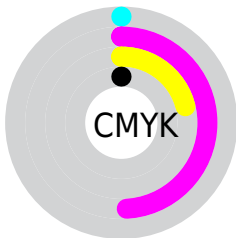
Blue (79%)



Red (100%)

Yellow (51%)

Blue (79%)

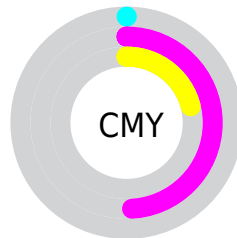


Cyan (0%)

Magenta (49%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (49%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.7652, 41.4423, 60.1075 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 59.7652, 41.4423, 60.1075 by changing the saturation by 10% instead.

 59.7652, 41.4423,
60.1075


 59.7652, 41.4423,
60.1075


413.5804,
352.1658, 442.8095


 43.4781, 28.6649,
43.0794

 103.5973, 77.3549,
106.5305

 30.4566, 18.8274,
29.6156


 131.8730,
101.2588, 136.7625

 20.3352, 11.5457,
19.2974


 164.8757,
129.6403, 172.2329

 12.7486, 6.4351,
11.7064

202.9706,
162.8838, 213.3602

 7.3315, 3.1114,
6.4240

246.5232,
201.3737, 260.5630

 3.7184, 1.1902,
3.0316

295.8988,

 1.5441, 0.0537,

245.4944, 314.2598

1.1108

351.4627,
295.6303, 374.8691

■ 0.3555, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.7652, 41.4423,
60.1075

■ 59.7652, 41.4423,
60.1075

■ 55.5341, 34.9800,
52.5310

■ 64.9318, 49.6262,
68.4553

■ 52.1699, 30.1064,
45.6922

■ 71.0891, 59.6402,
77.6007

■ 49.5997, 26.6780,
39.5572

■ 78.2921, 71.5906,
87.5716

■ 47.7357, 24.5229,
34.0866

■ 86.5902, 85.5738,
98.3931

■ 46.4492, 23.3872, 95.0500, 100.0000,
29.2269 108.9000

■ 46.3381, 23.2993,
28.7764

Harmonies

Analogous

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



53.7338, 41.4423, 93.1359



59.7652, 41.4423, 60.1075



59.7783, 41.4423, 32.9488

Triad

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



59.7652, 41.4423, 60.1075



34.8708, 41.4423, 11.1256



27.8351, 41.4423, 93.0104

Complementary

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



59.7652, 41.4423, 60.1075



53.6194, 79.7273, 57.9138

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.



24.2605, 41.4423, 59.9794



59.7652, 41.4423, 60.1075



27.8565, 41.4423, 17.3224

Square

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



59.7652, 41.4423, 60.1075



44.3230, 41.4423, 11.1368



24.2677, 41.4423, 32.8630



34.8367, 41.4423, 116.7247

Rectangle

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



59.7652, 41.4423, 60.1075



56.3188, 41.4423, 21.3260



24.2677, 41.4423, 32.8630



26.2465, 41.4423, 82.1521

Sweetspot

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



59.7663, 41.4442, 60.1083



81.4910, 76.9579, 91.8148



45.3456, 33.1429, 98.6150



17.0783, 15.8604, 19.1718



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.



59.7663, 41.4442, 60.1083



55.5404, 34.9895, 52.5432



53.9885, 39.1331, 29.6828



18.4417, 18.1600, 20.9429



24.2890, 12.2049, 15.4384



2.4198, 1.2103, 1.7919

Inverse Universe

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



59.7663, 41.4442, 60.1083



55.5404, 34.9895, 52.5432



61.3850, 82.8336, 98.8067



18.4417, 18.1600, 20.9429



24.2890, 12.2049, 15.4384



2.4198, 1.2103, 1.7919

Previews

White Background



This preview shows how the XYZ color 59.7652, 41.4423, 60.1075 looks on a white background.

Color Contrast Check

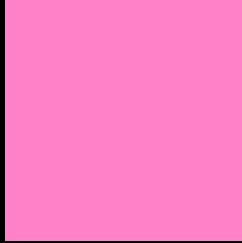
Large Text (above 18pt) WCAG AA × Fail

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 59.7652, 41.4423, 60.1075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

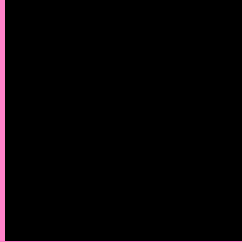
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.7652, 41.4423, 60.1075

Background



This preview shows how black text looks on a background with the XYZ color 59.7652, 41.4423, 60.1075.



This preview shows how white text looks on a background with the XYZ color 59.7652, 41.4423,

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

59.7652, 41.4423, 60.1075

Protanopia

42.6104, 41.9511, 79.9803

Deuteranopia

42.4434, 41.5291, 57.4087



Tritanopia

54.3883, 41.3145, 34.3861

Trichromacy



Original Color

59.7652, 41.4423, 60.1075



Protanomaly

46.6670, 40.2289, 72.3232



Deuteranomaly

47.3658, 40.4078, 58.1264



Tritanomaly

56.1105, 41.1683, 42.5251

Monochromacy



Original Color

59.7652, 41.4423, 60.1075



Achromatopsia

40.7470, 42.8690, 46.6844



Achromatomaly

45.9517, 41.0943, 50.8575

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7652, 41.4423, 60.1075 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, 130, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 130, 201)  
}
```

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, 130, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 130, 201) }
```

Border

The CSS property to change the border of an element to XYZ 59.7652, 41.4423, 60.1075 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, 130, 201) }
```


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

```
.border{ border-color:rgb(255, 130, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 130, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 130, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 130, 201);  
box-shadow:4px 4px 4px 4px rgb(255, 130,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7652, 41.4423, 60.1075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 130, 201) }
```

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

```
.background{ background-color: rgb(255,  
130, 201) }
```

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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