

Converting Colors

XYZ(59.4209, 36.1498, 75.3428)

Have a look what the booklet for
XYZ(59.4209, 36.1498, 75.3428)
contains.

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Color

**XYZ(59.2150, 36.0098,
75.0638)**

Conversions

Conversions Part 1

Format	Color
Hex	FE66E1
RGB	254, 102, 225
RGB Percent	100%, 40%, 88%
CMY	0.0039, 0.6000, 0.1176
CMYK	0.00, 0.60, 0.11, 0.00
HSL	311°, 99%, 70%
HSV	311°, 60%, 100%
XYZ	59.2150, 36.0098, 75.0638
YIQ	161.4700, 51.1090, 70.4770

Conversions

Conversions Part 2

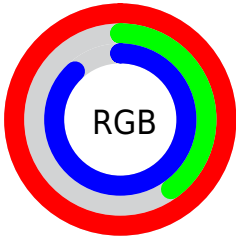
Format	Color
R_{YB}	254, 102, 225
Decimal	16672481
CIE _{Lab}	66.53, 71.32, -34.39
CIE _{LCh}	67, 79.177, 334.255
Yxy	36.0098, 0.3477, 0.2115
Android (android.graphics.Color)	4294862561 (0xFFFE66E1)
YUV	161.4700, 31.3203, 81.1488
Hunter-Lab	60.0082, 71.1264, -32.1597

Details

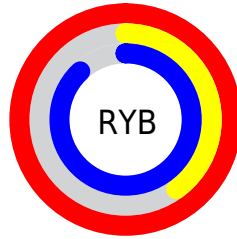
The XYZ color **59.2150, 36.0098, 75.0638** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **45.0197, 75.3484, 33.6464**, and the grayscale version is **33.9385, 35.7059, 38.8838**.

A 20% lighter version of the original color is **71.8608, 53.6216, 101.1703**, and **30.0711, 15.6570, 38.9733** is the 20% darker color. If you saturate the color by 10%, you get **56.4386, 31.4995, 70.9227**, and if you desaturate by 10%, it is **62.7770, 42.0599, 79.5599**.

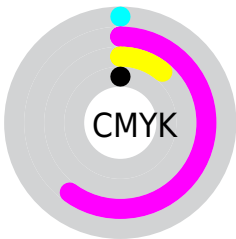
Distribution



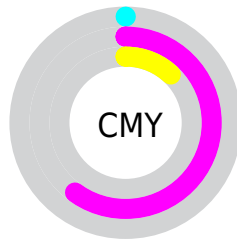
- Red (100%)
- Green (40%)
- Blue (88%)



- Red (100%)
- Yellow (40%)
- Blue (88%)



- Cyan (0%)
- Magenta (60%)
- Yellow (11%)
- Black (0%)





- Cyan (0%)
- Magenta (60%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.2150, 36.0098, 75.0638 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 59.2150, 36.0098, 75.0638 by changing the saturation by 10% instead.


 59.2150, 36.0098,
75.0638

 59.2150, 36.0098,
75.0638

411.5795,
329.0034, 497.3981


 43.0333, 24.4418,
55.1631

 102.8029, 69.0472,
128.1506


 30.1058, 15.6616,
39.1328


 130.9398, 91.2853,
162.1738

 20.0674, 9.2850,
26.5545


 163.7924,
117.8490, 201.7416

 12.5526, 4.9276,
17.0094

 201.7262,
149.1225, 247.2725

 7.1961, 2.2048,
10.0792

245.1064,
185.4903, 299.1850

 3.6324, 0.7226,
5.3452

294.2985,

 1.4964, 0.0000,

227.3368, 357.8978

2.3889

349.6677,
275.0464, 423.8293

■ 0.3234, 0.0000,
0.7804

■ 0.0000, 0.0000,
0.0000

■ 59.2150, 36.0098,
75.0638

■ 59.2150, 36.0098,
75.0638

■ 56.4386, 31.4995,
70.9227

■ 62.7770, 42.0599,
79.5599

■ 54.3717, 28.3790,
67.1096

■ 67.1843, 49.7710,
84.4309

■ 52.9290, 26.4775,
63.5958

■ 72.4950, 59.2585,
89.6971

■ 51.9717, 25.5174,
60.3339

■ 78.7610, 70.6257,
95.3765

■ 51.9579, 25.5048,
60.2829

■ 86.0301, 83.9682,
101.4858

■ 94.3469, 99.3748,
108.0406

■ 94.6834, 99.8110,
108.8828

Harmonies

Analogous

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



48.7696, 36.0098, 122.0041



59.2150, 36.0098, 75.0638



62.4507, 36.0098, 34.5495

Triad

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



59.2150, 36.0098, 75.0638



32.5582, 36.0098, 3.4570



18.5984, 36.0098, 88.7955

Complementary

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



59.2150, 36.0098, 75.0638



45.0197, 75.3484, 33.6464

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.



16.1196, 36.0098, 44.2687



59.2150, 36.0098, 75.0638



22.9063, 36.0098, 6.1764

Square

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



59.2150, 36.0098, 75.0638



45.1439, 36.0098, 4.8653



17.4918, 36.0098, 17.0964



25.2281, 36.0098, 132.6515

Rectangle

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



59.2150, 36.0098, 75.0638



59.5775, 36.0098, 17.9983



17.4918, 36.0098, 17.0964



17.3319, 36.0098, 72.7119

Sweetspot

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



59.2162, 36.0115, 75.0645



80.7368, 73.5787, 97.3307



31.8281, 21.3958, 96.2190



16.8537, 14.9685, 20.4614



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.



59.2162, 36.0115, 75.0645



56.4329, 30.9832, 70.6947



51.1417, 32.7817, 32.5448



18.6353, 18.2374, 21.9626



27.4450, 13.4673, 32.0575



2.7087, 1.3258, 3.3133

Inverse Universe

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



59.2162, 36.0115, 75.0645



56.4329, 30.9832, 70.6947



52.0472, 78.1594, 70.6527



18.6353, 18.2374, 21.9626



27.4450, 13.4673, 32.0575



2.7087, 1.3258, 3.3133

Previews

White Background



This preview shows how the XYZ color 59.2150, 36.0098, 75.0638 looks on a white background.

Color Contrast Check

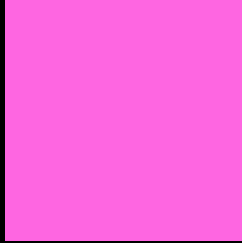
Large Text (above 18pt) WCAG AA × Fail

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 59.2150, 36.0098, 75.0638 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 59.2150, 36.0098, 75.0638

Background



This preview shows how black text looks on a background with the XYZ color 59.2150, 36.0098, 75.0638.



This preview shows how white text looks on a background with the XYZ color 59.2150, 36.0098,

75.0638.

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

59.2150, 36.0098, 75.0638

Protanopia

39.0523, 36.4519, 99.5854

Deuteranopia

37.1782, 36.3954, 70.0313



Tritanopia

49.2929, 35.8009, 26.8665

Trichromacy



Original Color

59.2150, 36.0098, 75.0638



Protanomaly

42.6512, 33.5928, 89.8241



Deuteranomaly

42.5123, 34.1445, 71.3677



Tritanomaly

52.0477, 35.4691, 40.6622

Monochromacy



Original Color

59.2150, 36.0098, 75.0638



Achromatopsia

33.8758, 35.6400, 38.8120



Achromatomaly

40.5355, 33.8190, 49.7387

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2150, 36.0098, 75.0638 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(254, 102, 225)` looks like.

```
.text, #text, p{  
    color:rgb(254, 102, 225)  
}
```

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(254, 102, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 102, 225) }
```

Border

The CSS property to change the border of an element to XYZ 59.2150, 36.0098, 75.0638 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(254, 102, 225) }
```


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

```
.border{ border-color:rgb(254, 102, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 102, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 102, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 102, 225);  
box-shadow:4px 4px 4px 4px rgb(254, 102,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2150, 36.0098, 75.0638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 102, 225) }
```

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

```
.background{ background-color: rgb(254,  
102, 225) }
```

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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