

Converting Colors

XYZ(61.9946, 35.3143, 93.4882)

Have a look what the booklet for
XYZ(61.9946, 35.3143, 93.4882)
contains.

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Color

**XYZ(61.9113, 35.2443,
93.1623)**

Conversions

Conversions Part 1

Format	Color
Hex	FF59F9
RGB	255, 89, 249
RGB Percent	100%, 35%, 98%
CMY	0.0000, 0.6510, 0.0235
CMYK	0.00, 0.65, 0.02, 0.00
HSL	302°, 100%, 67%
HSV	302°, 65%, 100%
XYZ	61.9113, 35.2443, 93.1623
YIQ	156.8740, 47.5760, 84.9520

Conversions

Conversions Part 2

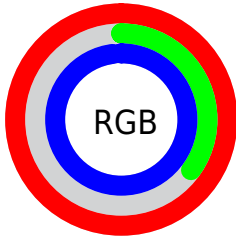
Format	Color
R _Y B	255, 89, 249
Decimal	16734713
CIE _{Lab}	65.94, 80.24, -48.60
CIE _{LCh}	66, 93.811, 328.800
Y _{xy}	35.2443, 0.3253, 0.1852
Android (android.graphics.Color)	4294924793 (0xFFFF59F9)
Y _{UV}	156.8740, 45.4181, 86.0565
Hunter-Lab	59.3669, 82.2582, -51.4848

Details

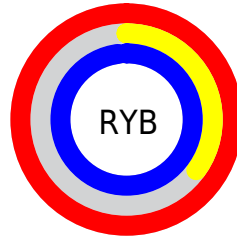
The XYZ color **61.9113, 35.2443, 93.1623** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **41.9464, 74.4706, 22.9916**, and the grayscale version is **31.7803, 33.4353, 36.4110**.

A 20% lighter version of the original color is **70.1963, 50.2927, 100.6154**, and **32.0201, 15.4079, 51.1555** is the 20% darker color. If you saturate the color by 10%, you get **60.0013, 31.6537, 91.8185**, and if you desaturate by 10%, it is **64.5579, 40.3067, 94.7560**.

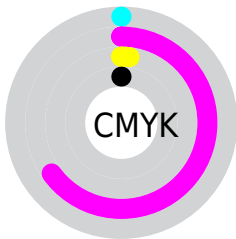
Distribution



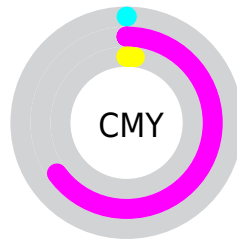
- Red (100%)
- Green (35%)
- Blue (98%)



- Red (100%)
- Yellow (35%)
- Blue (98%)



- Cyan (0%)
- Magenta (65%)
- Yellow (2%)
- Black (0%)





- Cyan (0%)
- Magenta (65%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.9113, 35.2443, 93.1623 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 61.9113, 35.2443, 93.1623 by changing the saturation by 10% instead.


 61.9113, 35.2443,
93.1623

 61.9113, 35.2443,
93.1623

421.3302,
325.6453, 559.0982

 45.2164, 23.8511,
70.0180

 106.6880, 67.8641,
153.6969


 31.8299, 15.2232,
51.0643

 135.5004, 89.8594,
191.9244

 21.3865, 8.9762,
35.8827


 169.0828,
116.1576, 236.0166

 13.5209, 4.7257,
24.0546

 207.8004,
147.1431, 286.3921

 7.8677, 2.0872,
15.1616

252.0185,
183.2002, 343.4695

 4.0615, 0.6574,
8.7850

302.1027,

 1.7370, 0.0000,

224.7134, 407.6673

4.5063

358.4181,
272.0669, 479.4040

■ 0.4792, 0.0000,
1.9070

■ 0.0000, 0.0000,
0.4972

■ 61.9113, 35.2443,
93.1623

■ 61.9113, 35.2443,
93.1623

■ 60.0013, 31.6537,
91.8185

■ 64.5579, 40.3067,
94.7560

■ 58.7462, 29.3718,
90.6961

■ 68.0072, 46.9736,
96.6202

■ 58.0485, 28.2037,
89.7629

■ 72.3204, 55.3672,
98.7760

■ 57.8414, 27.9005,
89.3515

■ 77.5523, 65.5968,
101.2414

83.7529, 77.7629,
104.0333

90.9689, 91.9586,
107.1671

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.



48.0737, 35.2443, 151.9107



61.9113, 35.2443, 93.1623



67.9004, 35.2443, 39.9989

Triad

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



61.9113, 35.2443, 93.1623



34.0610, 35.2443, 1.4571



15.1293, 35.2443, 88.2411

Complementary

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



61.9113, 35.2443, 93.1623



41.9464, 74.4706, 22.9916

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.



13.2709, 35.2443, 36.7957



61.9113, 35.2443, 93.1623



22.2145, 35.2443, 2.8047

Square

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



61.9113, 35.2443, 93.1623



49.3166, 35.2443, 3.0940



15.4609, 35.2443, 10.8336



21.4861, 35.2443, 147.9382

Rectangle

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



61.9113, 35.2443, 93.1623



65.6542, 35.2443, 18.6350



15.4609, 35.2443, 10.8336



14.0507, 35.2443, 68.6589

Sweetspot

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



61.9120, 35.2456, 93.1630



80.5875, 71.5476, 102.6221



26.2947, 16.7744, 96.4596



16.8839, 14.5980, 21.8000



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.



61.9120, 35.2456, 93.1630



59.5730, 30.8636, 91.4709



51.7392, 31.1765, 39.5939



18.7626, 18.2884, 22.6332



30.2360, 14.5837, 46.7546



2.9525, 1.4234, 4.5972

Inverse Universe

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



61.9120, 35.2456, 93.1630



59.5730, 30.8636, 91.4709



47.8700, 76.8400, 54.1847



18.7626, 18.2884, 22.6332



30.2360, 14.5837, 46.7546



2.9525, 1.4234, 4.5972

Previews

White Background



This preview shows how the XYZ color 61.9113, 35.2443, 93.1623 looks on a white background.

Color Contrast Check

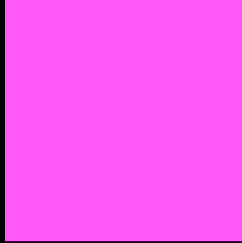
Large Text (above 18pt) WCAG AA × Fail

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 61.9113, 35.2443, 93.1623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

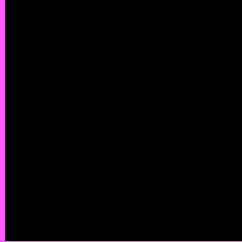
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.9113, 35.2443, 93.1623

Background



This preview shows how black text looks on a background with the XYZ color 61.9113, 35.2443, 93.1623.



This preview shows how white text looks on a background with the XYZ color 61.9113, 35.2443,

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

61.9113, 35.2443, 93.1623

Protanopia

37.9921, 35.3989, 99.4380

Deuteranopia

36.4349, 35.4049, 85.8024



Tritanopia

48.0592, 34.9860, 26.4103

Trichromacy



Original Color

61.9113, 35.2443, 93.1623



Protanomaly

42.5585, 32.1404, 96.8892



Deuteranomaly

41.7857, 32.3452, 88.0453



Tritanomaly

51.7801, 34.2382, 44.4370

Monochromacy



Original Color

61.9113, 35.2443, 93.1623



Achromatopsia

32.0474, 33.7164, 36.7171



Achromatomaly

39.5378, 31.5577, 52.7226

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9113, 35.2443, 93.1623 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, 89, 249)` looks like.

```
.text, #text, p{  
    color:rgb(255, 89, 249)  
}
```

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, 89, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 89, 249) }
```

Border

The CSS property to change the border of an element to XYZ 61.9113, 35.2443, 93.1623 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, 89, 249) }
```


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

```
.border{ border-color:rgb(255, 89, 249) }
```

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

Here you see how a box with a 4 pixel rgb(255, 89, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 89, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 89, 249);  
box-shadow:4px 4px 4px 4px rgb(255, 89,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9113, 35.2443, 93.1623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 89, 249) }
```

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

```
.background{ background-color: rgb(255, 89,  
249) }
```

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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