

Converting Colors

XYZ(59.8290, 35.5857, 91.9904)

Have a look what the booklet for
XYZ(59.8290, 35.5857, 91.9904)
contains.

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Color

**XYZ(59.6081, 35.4132,
91.6894)**

Conversions

Conversions Part 1	
Format	Color
Hex	F763F7
RGB	247, 99, 247
RGB Percent	97%, 39%, 97%
CMY	0.0314, 0.6117, 0.0314
CMYK	0.00, 0.60, 0.00, 0.03
HSL	300°, 90%, 68%
HSV	300°, 60%, 97%
XYZ	59.6081, 35.4132, 91.6894
YIQ	160.1240, 40.7000, 77.4040

Conversions

Conversions Part 2

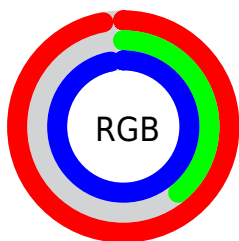
Format	Color
RYB	247, 99, 247
Decimal	16212983
CIELab	66.07, 74.24, -47.37
CIELCh	66, 88.060, 327.460
Yxy	35.4132, 0.3193, 0.1897
Android (android.graphics.Color)	4294403063 (0xFFFF763F7)
YUV	160.1240, 42.8299, 76.1903
Hunter-Lab	59.5090, 74.6565, -49.6957

Details

The XYZ color **59.6081, 35.4132, 91.6894** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **40.6601, 70.0766, 23.1894**, and the grayscale version is **33.2679, 35.0004, 38.1155**.

A 20% lighter version of the original color is **71.3470, 52.5939, 100.9990**, and **30.2778, 15.2625, 50.0653** is the 20% darker color. If you saturate the color by 10%, you get **57.6162, 31.4284, 91.0256**, and if you desaturate by 10%, it is **62.3179, 40.8318, 92.5931**.

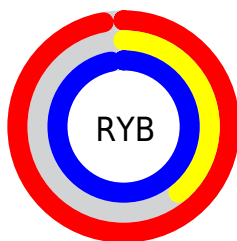
Distribution



Red (97%)

Green (39%)

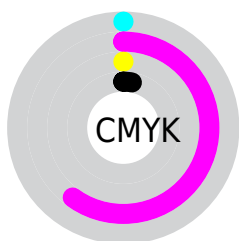
Blue (97%)



Red (97%)

Yellow (39%)

Blue (97%)

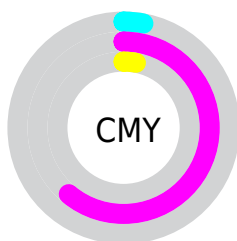


Cyan (0%)

Magenta (60%)

Yellow (0%)

Black (3%)



Cyan (3%)


Magenta (61%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.6081, 35.4132, 91.6894 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 59.6081, 35.4132, 91.6894 by changing the saturation by 10% instead.


 59.6081, 35.4132,
91.6894

 59.6081, 35.4132,
91.6894

413.0097,
326.3884, 554.2225


 43.3511, 23.9813,
68.8011

 103.3705, 68.1254,
151.6388


 30.3564, 15.3198,
50.0790


 131.6067, 90.1745,
189.5370

 20.2587, 9.0441,
35.1045

 164.5666,
116.5315, 233.2755

 12.6926, 4.7700,
23.4592


 202.6155,
147.5808, 283.2729

 7.2927, 2.1129,
14.7245

246.1190,
183.7067, 339.9478

 3.6938, 0.6719,
8.4818


295.4423,


 1.5304, 0.0000,


225.2937, 403.7186


4.3126


350.9507,
272.7261, 475.0040


 0.3464, 0.0000,
1.7983

 0.0000, 0.0000,
0.4269


 59.6081, 35.4132,
91.6894


 59.6081, 35.4132,
91.6894


 57.6162, 31.4284,
91.0256


 62.3179, 40.8318,
92.5931


 56.2707, 28.7375,
90.5770


 65.8008, 47.7976,
93.7542


 55.4925, 27.1811,
90.3174


 70.1111, 56.4181,
95.1911


 55.1491, 26.4943,
90.2028

 75.2971, 66.7900,
96.9199


 55.1468, 26.4898,
90.2021

 81.4033, 79.0024,
98.9555

 88.4714, 93.1385,
101.3116

 90.9071, 98.0100,
102.1237

 90.9072, 98.0100,
102.1238

 90.9072, 98.0100,
102.1240

Harmonies

Analogous

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



46.6322, 35.4132, 144.2059



59.6081, 35.4132, 91.6894



65.5341, 35.4132, 41.8376

Triad

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



59.6081, 35.4132, 91.6894



34.7853, 35.4132, 2.0871



15.9186, 35.4132, 82.1943

Complementary

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



59.6081, 35.4132, 91.6894



40.6601, 70.0766, 23.1894

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.



14.2745, 35.4132, 35.4562



59.6081, 35.4132, 91.6894



23.3474, 35.4132, 3.4620

Square

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



59.6081, 35.4132, 91.6894



49.0710, 35.4132, 4.1418



16.6043, 35.4132, 11.3525



21.8681, 35.4132, 136.6559

Rectangle

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



59.6081, 35.4132, 91.6894



63.7826, 35.4132, 20.7410



16.6043, 35.4132, 11.3525



14.9239, 35.4132, 64.4437

Sweetspot

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



59.6094, 35.4148, 91.6901



82.1150, 74.1300, 104.5881



26.3975, 18.2934, 90.1367



17.1951, 15.1051, 22.2592



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.



59.6094, 35.4148, 91.6901



61.5685, 33.0374, 97.7384



50.3640, 31.7167, 43.0047



17.2137, 16.7683, 20.8719



29.1649, 14.0094, 47.7042



2.5633, 1.2313, 4.1927

Inverse Universe

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



59.6094, 35.4148, 91.6901



61.5685, 33.0374, 97.7384



45.9508, 72.1928, 51.0500



17.2137, 16.7683, 20.8719



29.1649, 14.0094, 47.7042



2.5633, 1.2313, 4.1927

Previews

White Background



This preview shows how the XYZ color 59.6081, 35.4132, 91.6894 looks on a white background.

Color Contrast Check

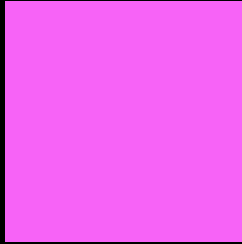
Large Text (above 18pt) WCAG AA × Fail

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 59.6081, 35.4132, 91.6894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

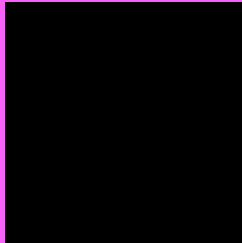
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.6081, 35.4132, 91.6894

Background



This preview shows how black text looks on a background with the XYZ color 59.6081, 35.4132, 91.6894.



This preview shows how white text looks on a background with the XYZ color 59.6081, 35.4132,

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

59.6081, 35.4132, 91.6894

Protanopia

38.3029, 35.8113, 99.5012

Deuteranopia

36.7590, 35.8452, 85.1022



Tritanopia

46.4421, 35.0570, 28.7450

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6081, 35.4132, 91.6894 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(247, 99, 247) looks like.

```
.text, #text, p{  
    color:rgb(247, 99, 247)  
}
```

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(247, 99, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 99, 247) }
```

Border

The CSS property to change the border of an element to XYZ 59.6081, 35.4132, 91.6894 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(247, 99, 247) }
```


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

```
.border{ border-color:rgb(247, 99, 247) }
```

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

Here you see how a box with a 4 pixel rgb(247, 99, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 99, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 99, 247);  
box-shadow:4px 4px 4px 4px rgb(247, 99,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6081, 35.4132, 91.6894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 99, 247) }
```

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

```
.background{ background-color: rgb(247, 99,  
247) }
```

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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