

Converting Colors

XYZ(59.3371, 30.3429, 91.5427)

Have a look what the booklet for
XYZ(59.3371, 30.3429, 91.5427)
contains.

XYZ(59.3239, 30.3185, 91.5323)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(59.3239, 30.3185,
91.5323)**

Conversions

Conversions Part 1

Format	Color
Hex	FF32F8
RGB	255, 50, 248
RGB Percent	100%, 20%, 97%
CMY	0.0000, 0.8039, 0.0274
CMYK	0.00, 0.80, 0.03, 0.00
HSL	302°, 100%, 60%
HSV	302°, 80%, 100%
XYZ	59.3239, 30.3185, 91.5323
YIQ	133.8670, 58.6220, 105.0380

Conversions

Conversions Part 2

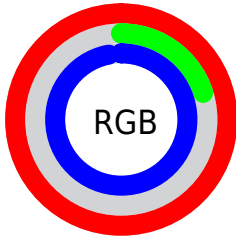
Format	Color
R _Y B	255, 50, 248
Decimal	16724728
CIE Lab	61.93, 91.40, -54.40
CIE LCh	62, 106.366, 329.242
Yxy	30.3185, 0.3274, 0.1673
Android (android.graphics.Color)	4294914808 (0xFFFF32F8)
YUV	133.8670, 56.2676, 106.2336
Hunter-Lab	55.0622, 95.9565, -60.0167

Details

The XYZ color **59.3239, 30.3185, 91.5323** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **37.8148, 72.4940, 15.8722**, and the grayscale version is **22.3988, 23.5653, 25.6626**.

A 20% lighter version of the original color is **66.2495, 42.3991, 99.2998**, and **31.6521, 15.2309, 50.5618** is the 20% darker color. If you saturate the color by 10%, you get **58.3858, 28.6580, 90.5550**, and if you desaturate by 10%, it is **60.8698, 33.1935, 92.7161**.

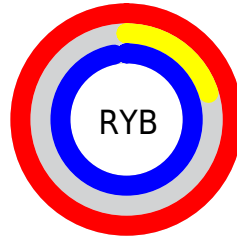
Distribution



Red (100%)

Green (20%)

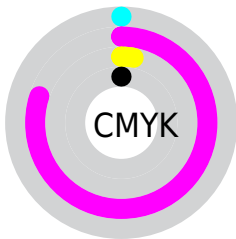
Blue (97%)



Red (100%)

Yellow (20%)

Blue (97%)

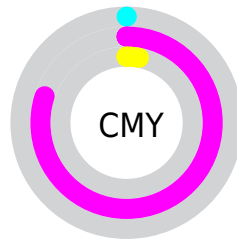


Cyan (0%)

Magenta (80%)

Yellow (3%)

Black (0%)



Cyan (0%)


Magenta (80%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.3239, 30.3185, 91.5323 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 59.3239, 30.3185, 91.5323 by changing the saturation by 10% instead.


 59.3239, 30.3185,
91.5323

 59.3239, 30.3185,
91.5323

411.9760,
303.3862, 553.7011

 43.1213, 20.0805,
68.6714


 102.9602, 60.1655,
151.4191


 30.1752, 12.4535,
49.9740


 131.1246, 80.5433,
189.2820


 20.1204, 7.0534,
35.0217


 164.0070,
105.0697, 232.9827

 12.5913, 3.4955,
23.3959

 201.9727,
134.1293, 282.9396

 7.2228, 1.3956,
14.6781

 245.3871,
168.1063, 339.5714

 3.6494, 0.2134,
8.4497

294.6155,

 1.5058, 0.0000,

207.3852, 403.2965

4.2921

350.0234,
252.3504, 474.5336

■ 0.3297, 0.0000,
1.7869

■ 0.0000, 0.0000,
0.4193

■ 59.3239, 30.3185,
91.5323

■ 59.3239, 30.3185,
91.5323

■ 58.3858, 28.6580,
90.5550

■ 60.8698, 33.1935,
92.7161

■ 57.9195, 27.9318,
89.7633


■ 63.1098, 37.4557,
94.1339

■ 66.1181, 43.2538,
95.8110

■ 69.9592, 50.7161,
97.7688

 74.6905, 59.9579,
100.0264

 80.3644, 71.0840,
102.6013

 87.0293, 84.1911,
105.5098

94.7304, 99.3694,
108.7667

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.



44.3650, 30.3185, 159.5605



59.3239, 30.3185, 91.5323



65.7723, 30.3185, 34.0602

Triad

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



59.3239, 30.3185, 91.5323



29.1806, 30.3185, 0.0291



10.9220, 30.3185, 88.0310

Complementary

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



59.3239, 30.3185, 91.5323



37.8148, 72.4940, 15.8722

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.



9.1961, 30.3185, 31.9850



59.3239, 30.3185, 91.5323



17.4059, 30.3185, 0.9761

Square

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



59.3239, 30.3185, 91.5323



45.2070, 30.3185, 1.0787



11.1129, 30.3185, 6.9584



16.9613, 30.3185, 156.6127

Rectangle

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



59.3239, 30.3185, 91.5323



63.1607, 30.3185, 13.3287



11.1129, 30.3185, 6.9584



9.9277, 30.3185, 66.1766

Sweetspot

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



59.3245, 30.3196, 91.5329



78.2026, 66.8407, 101.6334



20.8697, 10.3676, 95.5089



16.3089, 13.4642, 21.5584



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.



59.3245, 30.3196, 91.5329



58.0839, 28.1747, 90.0825



47.5441, 25.6075, 29.4980



18.7643, 18.2890, 22.6419



30.2762, 14.5998, 46.9662



2.9560, 1.4248, 4.6155

Inverse Universe

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



59.3245, 30.3196, 91.5329



58.0839, 28.1747, 90.0825



43.3635, 74.7134, 45.0911



18.7643, 18.2890, 22.6419



30.2762, 14.5998, 46.9662



2.9560, 1.4248, 4.6155

Previews

White Background



This preview shows how the XYZ color 59.3239, 30.3185, 91.5323 looks on a white background.

Color Contrast Check

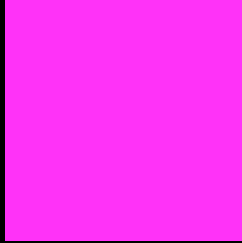
Large Text (above 18pt) WCAG AA × Fail

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 59.3239, 30.3185, 91.5323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

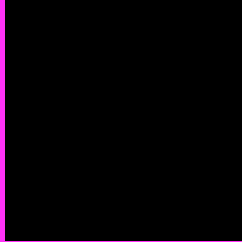
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.3239, 30.3185, 91.5323

Background



This preview shows how black text looks on a background with the XYZ color 59.3239, 30.3185, 91.5323.



This preview shows how white text looks on a background with the XYZ color 59.3239, 30.3185,

91.5323.

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

59.3239, 30.3185, 91.5323

Protanopia

33.6957, 30.5445, 98.7275

Deuteranopia

31.4665, 30.6963, 82.1084



Tritanopia

44.4103, 30.2011, 19.1115

Trichromacy



Original Color

59.3239, 30.3185, 91.5323



Protanomaly

37.1598, 25.5653, 95.0715



Deuteranomaly

35.8954, 25.6376, 84.7180



Tritanomaly

47.8554, 28.8570, 37.2301

Monochromacy



Original Color

59.3239, 30.3185, 91.5323



Achromatopsia

22.6597, 23.8398, 25.9615



Achromatomaly

30.9482, 22.2606, 43.2230

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3239, 30.3185, 91.5323 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, 50, 248)` looks like.

```
.text, #text, p{  
    color:rgb(255, 50, 248)  
}
```

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, 50, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 50, 248) }
```

Border

The CSS property to change the border of an element to XYZ 59.3239, 30.3185, 91.5323 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, 50, 248) }
```


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

```
.border{ border-color:rgb(255, 50, 248) }
```

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

Here you see how a box with a 4 pixel rgb(255, 50, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 50, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 50, 248);  
box-shadow:4px 4px 4px 4px rgb(255, 50,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3239, 30.3185, 91.5323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 50, 248) }
```

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

```
.background{ background-color: rgb(255, 50,  
248) }
```

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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