

Converting Colors

XYZ(36.1093, 19.5917, 57.1371)

Have a look what the booklet for
XYZ(36.1093, 19.5917, 57.1371)
contains.

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Color

**XYZ(36.0931, 19.5608,
57.1316)**

Conversions

Conversions Part 1

Format	Color
Hex	C939C9
RGB	201, 57, 201
RGB Percent	79%, 22%, 79%
CMY	0.2118, 0.7764, 0.2118
CMYK	0.00, 0.72, 0.00, 0.21
HSL	300°, 57%, 51%
HSV	300°, 72%, 79%
XYZ	36.0931, 19.5608, 57.1316
YIQ	116.4720, 39.6000, 75.3120

Conversions

Conversions Part 2

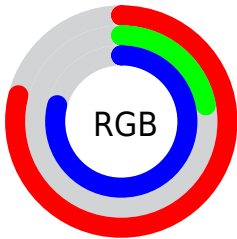
Format	Color
R _{YB}	201, 57, 201
Decimal	13187529
CIE Lab	51.34, 71.83, -45.21
CIE LCh	51, 84.875, 327.811
Yxy	19.5608, 0.3200, 0.1734
Android (android.graphics.Color)	4291377609 (0xFFC939C9)
YUV	116.4720, 41.6723, 74.1311
Hunter-Lab	44.2276, 68.2714, -45.6294

Details

The XYZ color **36.0931, 19.5608, 57.1316** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **23.3134, 42.9394, 10.9313**, and the grayscale version is **16.6139, 17.4791, 19.0348**.

A 20% lighter version of the original color is **65.6513, 41.2026, 99.1004**, and **16.5160, 7.9150, 27.8514** is the 20% darker color. If you saturate the color by 10%, you get **35.2890, 17.9521, 56.8637**, and if you desaturate by 10%, it is **37.2918, 21.9575, 57.5314**.

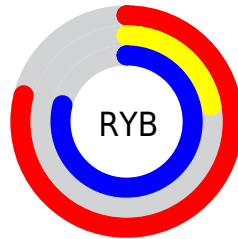
Distribution



Red (79%)

Green (22%)

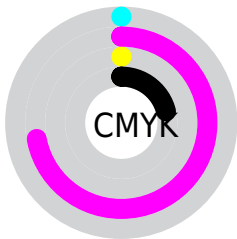
Blue (79%)



Red (79%)

Yellow (22%)

Blue (79%)

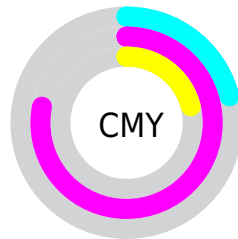


Cyan (0%)

Magenta (72%)

Yellow (0%)

Black (21%)



Cyan (21%)


Magenta (78%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.0931, 19.5608, 57.1316 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 36.0931, 19.5608, 57.1316 by changing the saturation by 10% instead.


 36.0931, 19.5608,
57.1316


 36.0931, 19.5608,
57.1316


320.7914,
249.5274, 431.4498


 24.6766, 12.0762,
40.7008


 68.4987, 42.6796,
102.1594


 15.9637, 6.7956,
27.7675


 90.2184, 59.0826,
131.5936


 9.5891, 3.3346,
17.9129


 116.1032, 79.2271,
166.1993

 5.1876, 1.3088,
10.7187

 146.5185,
103.4977, 206.3950

 2.3936, 0.1480,
5.7662

 181.8296,
132.2786, 252.5994

 0.8419, 0.0000,
2.6370

222.4019,

 0.0000, 0.0000,

165.9542, 305.2310

0.9115

268.6007,
204.9091, 364.7083

■ 0.0000, 0.0000,
0.0000

■ 36.0931, 19.5608,
57.1316

■ 36.0931, 19.5608,
57.1316

■ 35.2890, 17.9521,
56.8637

■ 37.2918, 21.9575,
57.5314

■ 34.8278, 17.0297,
56.7098

■ 38.9243, 25.2225,
58.0756

■ 34.6303, 16.6347,
56.6440

■ 41.0276, 29.4291,
58.7768

■ 43.6341, 34.6422,
59.6457

■ 46.7735, 40.9209,
60.6922

■ 50.4729, 48.3197,
61.9254

■ 54.7579, 56.8896,
63.3538

■ 59.6521, 66.6781,
64.9853

■ 65.1783, 77.7304,
66.8274

Harmonies

Analogous

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



27.2870, 19.5608, 95.0887



36.0931, 19.5608, 57.1316



40.1169, 19.5608, 23.1330

Triad

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



36.0931, 19.5608, 57.1316



19.2220, 19.5608, 0.2586



7.5752, 19.5608, 51.3703

Complementary

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



36.0931, 19.5608, 57.1316



23.3134, 42.9394, 10.9313

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.



6.5922, 19.5608, 19.5634



36.0931, 19.5608, 57.1316



11.9733, 19.5608, 0.9397

Square

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



36.0931, 19.5608, 57.1316



28.7046, 19.5608, 1.1808



7.9229, 19.5608, 4.8474



11.1864, 19.5608, 90.3322

Rectangle

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



36.0931, 19.5608, 57.1316



38.8451, 19.5608, 9.9673



7.9229, 19.5608, 4.8474



6.9855, 19.5608, 39.0194

Sweetspot

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



36.0939, 19.5617, 57.1320



80.2817, 70.4634, 103.9770



13.6940, 8.0141, 56.0842



16.8392, 14.3934, 22.1406



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.



36.0939, 19.5617, 57.1320



59.9116, 29.7236, 97.1862



29.5139, 16.9297, 22.4825



11.0832, 10.8166, 13.4212



21.7740, 10.4591, 35.6151



1.0310, 0.4952, 1.6864

Inverse Universe

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



36.0939, 19.5617, 57.1320



59.9116, 29.7236, 97.1862



26.5374, 44.2290, 27.9087



11.0832, 10.8166, 13.4212



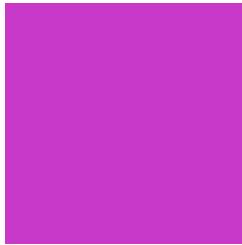
21.7740, 10.4591, 35.6151



1.0310, 0.4952, 1.6864

Previews

White Background



This preview shows how the XYZ color 36.0931, 19.5608, 57.1316 looks on a white background.

Color Contrast Check

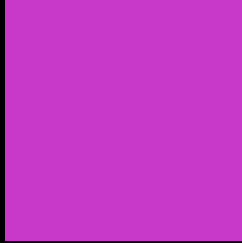
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.0931, 19.5608, 57.1316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

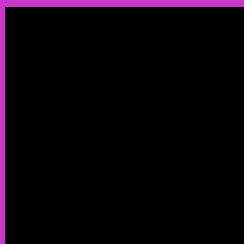
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.0931, 19.5608, 57.1316

Background



This preview shows how black text looks on a background with the XYZ color 36.0931, 19.5608, 57.1316.



This preview shows how white text looks on a background with the XYZ color 36.0931, 19.5608,

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

36.0931, 19.5608, 57.1316

Protanopia

24.0491, 19.9851, 94.6855

Deuteranopia

20.4174, 19.9537, 52.0656



Tritanopia

27.0655, 19.3740, 14.1174

Trichromacy



Original Color

36.0931, 19.5608, 57.1316



Protanomaly

21.6385, 15.6654, 78.9740



Deuteranomaly

23.2143, 17.4530, 53.7750



Tritanomaly

29.2322, 18.7070, 25.3627

Monochromacy



Original Color

36.0931, 19.5608, 57.1316



Achromatopsia

16.6002, 17.4647, 19.0191



Achromatomaly

21.3913, 16.4940, 29.6600

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0931, 19.5608, 57.1316 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(201, 57, 201)` looks like.

```
.text, #text, p{  
    color:rgb(201, 57, 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(201, 57, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 57, 201) }
```

Border

The CSS property to change the border of an element to XYZ 36.0931, 19.5608, 57.1316 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(201, 57, 201) }
```


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

```
.border{ border-color:rgb(201, 57, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 57, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 57, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 57, 201);  
box-shadow:4px 4px 4px 4px rgb(201, 57,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0931, 19.5608, 57.1316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 57, 201) }
```

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

```
.background{ background-color: rgb(201, 57,  
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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