

Converting Colors

XYZ(18.3914, 9.1351, 69.9012)

Have a look what the booklet for
XYZ(18.3914, 9.1351, 69.9012)
contains.

XYZ(18.3914, 9.1351, 69.9012)	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(18.3914, 9.1351,
69.9012)**

Conversions

Conversions Part 1

Format	Color
Hex	5C29DE
RGB	92, 41, 222
RGB Percent	36%, 16%, 87%
CMY	0.6392, 0.8392, 0.1294
CMYK	0.59, 0.82, 0.00, 0.13
HSL	257°, 73%, 52%
HSV	257°, 82%, 87%
XYZ	18.3914, 9.1351, 69.9012
YIQ	76.8830, -27.7050, 67.1030

Conversions

Conversions Part 2

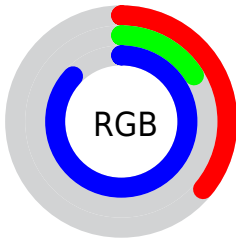
Format	Color
RYB	92, 41, 222
Decimal	6040030
CIELab	36.24, 64.01, -82.46
CIELCh	36, 104.388, 307.822
Yxy	9.1351, 0.1888, 0.0938
Android (android.graphics.Color)	4284230110 (0xFF5C29DE)
YUV	76.8830, 71.5427, 13.2576
Hunter-Lab	30.2243, 55.7241, -115.9657

Details

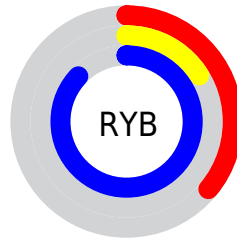
The XYZ color **18.3914, 9.1351, 69.9012** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **43.3141, 61.0597, 11.6004**, and the grayscale version is **6.9080, 7.2678, 7.9146**.

A 20% lighter version of the original color is **35.8525, 22.4723, 97.0557**, and **6.7915, 2.7166, 35.7637** is the 20% darker color. If you saturate the color by 10%, you get **16.3998, 7.2719, 69.6468**, and if you desaturate by 10%, it is **21.1516, 12.0359, 70.3159**.

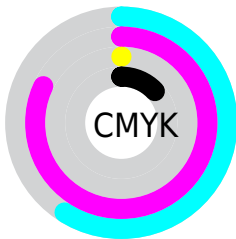
Distribution



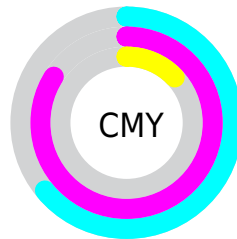
- Red (36%)
- Green (16%)
- Blue (87%)



- Red (36%)
- Yellow (16%)
- Blue (87%)



- Cyan (59%)
- Magenta (82%)
- Yellow (0%)
- Black (13%)



- Cyan (64%)
- Magenta (84%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.3914, 9.1351, 69.9012 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 18.3914, 9.1351, 69.9012 by changing the saturation by 10% instead.

■ 18.3914, 9.1351,
69.9012

■ 18.3914, 9.1351,
69.9012

236.0712,
184.3826, 478.9828

■ 11.3327, 4.8294,
50.9697

■ 40.2280, 24.1555,
120.7476

■ 6.3600, 2.1475,
35.8079

■ 55.7367, 35.6389,
153.4997

■ 3.1080, 0.6912,
23.9974

■ 74.7927, 50.2838,
191.6956

■ 1.2111, 0.0000,
15.1195

■ 97.7615, 68.4744,
235.7539

■ 0.1151, 0.0000,
8.7557

■ 125.0084, 90.5952,
286.0933

■ 0.0000, 0.0000,
4.4876

■ 156.8987,

■ 0.0000, 0.0000,

117.0306, 343.1322

1.8965

193.7979,
148.1649, 407.2892

■ 0.0000, 0.0000,
0.4905

■ 0.0000, 0.0000,
0.0000

■ 18.3914, 9.1351,
69.9012

■ 18.3914, 9.1351,
69.9012

■ 16.3998, 7.2719,
69.6468

■ 21.1516, 12.0359,
70.3159

■ 15.2070, 6.3164,
69.5252

■ 24.7616, 16.1109,
70.9122

■ 29.2930, 21.4757,
71.7089

■ 34.8086, 28.2314,
72.7222

■ 41.3657, 36.4691,
73.9666

■ 49.0166, 46.2717,
75.4554

■ 57.8103, 57.7160,
77.2009

■ 67.7926, 70.8736,
79.2145

■ 79.0065, 85.8120,
81.5068

Harmonies

Analogous

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



10.4319, 9.1351, 98.5953



18.3914, 9.1351, 69.9012



25.3509, 9.1351, 29.5441

Triad

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



18.3914, 9.1351, 69.9012



14.0849, 9.1351, 0.0000



1.3729, 9.1351, 15.4344

Complementary

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



18.3914, 9.1351, 69.9012



43.3141, 61.0597, 11.6004

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.



1.6142, 9.1351, 1.7705



18.3914, 9.1351, 69.9012



7.1408, 9.1351, 0.0000

Square

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



18.3914, 9.1351, 69.9012



22.1399, 9.1351, 0.0000



3.1835, 9.1351, 0.0000



2.2108, 9.1351, 49.7926

Rectangle

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



18.3914, 9.1351, 69.9012



27.2014, 9.1351, 11.3195



3.1835, 9.1351, 0.0000



1.3428, 9.1351, 8.6894

Sweetspot

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



18.3920, 9.1353, 69.9015



64.1748, 59.5705, 102.7236



29.1837, 35.9143, 74.5016



12.9247, 11.7101, 21.8290



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.



18.3920, 9.1353, 69.9015



21.0483, 8.8479, 95.2062



32.7457, 16.5349, 70.5732



13.3129, 13.4294, 17.2781



9.1266, 3.8002, 41.3009



0.7186, 0.3078, 2.8668

Inverse Universe

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



38.2670, 20.0552, 40.3775



50.0074, 24.8555, 47.8254



30.1093, 54.2524, 10.9824



14.1217, 13.8663, 16.4109



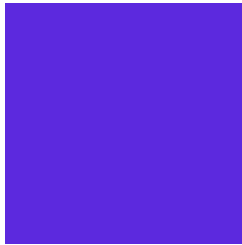
21.6826, 10.7401, 20.7924



1.5406, 0.7595, 1.6397

Previews

White Background



This preview shows how the XYZ color 18.3914, 9.1351, 69.9012 looks on a white background.

Color Contrast Check

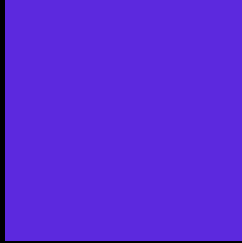
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the XYZ color 18.3914, 9.1351, 69.9012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

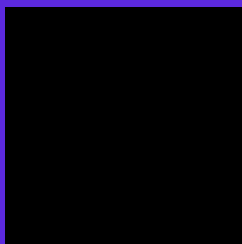
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.3914, 9.1351, 69.9012

Background



This preview shows how black text looks on a background with the XYZ color 18.3914, 9.1351, 69.9012.



This preview shows how white text looks on a background with the XYZ color 18.3914, 9.1351,

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

18.3914, 9.1351, 69.9012

Protanopia

10.5601, 9.0517, 40.7257

Deuteranopia

8.8350, 9.1176, 29.3112



Tritanopia

7.0897, 9.1999, 13.4587

Trichromacy



Original Color

18.3914, 9.1351, 69.9012

Protanomaly

12.0383, 8.0992, 50.2190

Deuteranomaly

10.6183, 7.9250, 41.5275

Tritanomaly

9.2865, 7.8410, 27.4096

Monochromacy



Original Color

18.3914, 9.1351, 69.9012

Achromatopsia

7.0540, 7.4214, 8.0819

Achromatomaly

9.3423, 7.0723, 21.9918

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.3914, 9.1351, 69.9012 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(92, 41, 222)` looks like.

```
.text, #text, p{  
    color:rgb(92, 41, 222)  
}
```

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(92, 41, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 41, 222) }
```

Border

The CSS property to change the border of an element to XYZ 18.3914, 9.1351, 69.9012 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(92, 41, 222) }
```


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

```
.border{ border-color:rgb(92, 41, 222) }
```

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

Here you see how a box with a 4 pixel rgb(92, 41, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 41, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 41, 222);  
box-shadow:4px 4px 4px 4px rgb(92, 41,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 18.3914, 9.1351, 69.9012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 41, 222) }
```

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

```
.background{ background-color: rgb(92, 41,  
222) }
```

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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