

Converting Colors

XYZ(26.3593, 16.9109, 29.8918)

Have a look what the booklet for
XYZ(26.3593, 16.9109, 29.8918)
contains.

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Color

**XYZ(26.3593, 16.9109,
29.8918)**

Conversions

Conversions Part 1

Format	Color
Hex	B24D94
RGB	178, 77, 148
RGB Percent	70%, 30%, 58%
CMY	0.3020, 0.6980, 0.4196
CMYK	0.00, 0.57, 0.17, 0.30
HSL	318°, 40%, 50%
HSV	318°, 57%, 70%
XYZ	26.3593, 16.9109, 29.8918
YIQ	115.2930, 37.4050, 43.4930

Conversions

Conversions Part 2

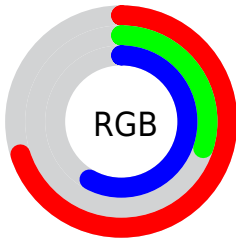
Format	Color
R_{YB}	178, 77, 148
Decimal	11685268
CIE _{Lab}	48.15, 49.57, -19.39
CIE _{LCh}	48, 53.221, 338.638
Yxy	16.9109, 0.3603, 0.2311
Android (android.graphics.Color)	4289875348 (0xFFB24D94)
YUV	115.2930, 16.1246, 54.9940
Hunter-Lab	41.1229, 42.4515, -14.3113

Details

The XYZ color **26.3593, 16.9109, 29.8918** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **21.6357, 34.4807, 19.4266**, and the grayscale version is **16.3299, 17.1803, 18.7094**.

A 20% lighter version of the original color is **53.2354, 38.0624, 60.4181**, and **10.4166, 5.4664, 11.8154** is the 20% darker color. If you saturate the color by 10%, you get **24.8710, 14.5886, 27.3778**, and if you desaturate by 10%, it is **28.2085, 19.9239, 32.6208**.

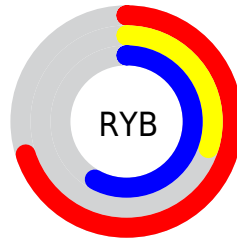
Distribution



Red (70%)

Green (30%)

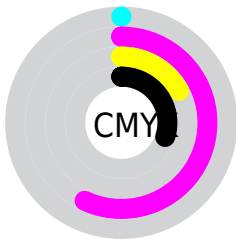
Blue (58%)



Red (70%)

Yellow (30%)

Blue (58%)

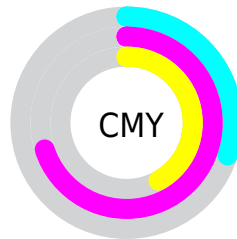


Cyan (0%)

Magenta (57%)

Yellow (17%)

Black (30%)



Cyan (30%)

Magenta (70%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3593, 16.9109, 29.8918 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 26.3593, 16.9109, 29.8918 by changing the saturation by 10% instead.

■ 26.3593, 16.9109,
29.8918

■ 26.3593, 16.9109,
29.8918

276.7659,
234.6584, 315.5914

■ 17.2267, 10.1710,
19.5051

■ 53.2812, 38.1725,
60.5500

■ 10.4926, 5.5125,
11.8553

■ 71.8012, 53.4630,
81.6586

■ 5.7915, 2.5510,
6.5239

■ 94.1811, 72.3725,
107.1783

■ 2.7582, 0.9021,
3.0923

■ 120.7862, 95.2853,
137.5275

■ 1.0272, 0.0000,
1.1420

■ 151.9819,
122.5860, 173.1249

■ 0.0000, 0.0000,
0.0000

188.1335,

154.6587, 214.3890

229.6064,
191.8881, 261.7383

■ 26.3593, 16.9109,
29.8918

■ 26.3593, 16.9109,
29.8918

■ 24.8710, 14.5886,
27.3778

■ 28.2085, 19.9239,
32.6208

■ 23.7132, 12.8975,
25.0669

■ 30.4427, 23.6760,
35.5734

■ 22.8531, 11.7719,
22.9471

■ 33.0854, 28.2139,
38.7590

■ 22.2443, 11.1195,
21.0016

■ 36.1580, 33.5797,
42.1859

■ 22.0700, 10.9489,
20.3945

■ 39.6803, 39.8127,
45.8617

■ 43.6707, 46.9496,
49.7938

■ 48.1467, 55.0248,
53.9891

■ 53.1249, 64.0711,
58.4542

■ 58.6210, 74.1196,
63.1955

Harmonies

Analogous

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



22.5932, 16.9109, 47.9581



26.3593, 16.9109, 29.8918



27.1066, 16.9109, 14.7022

Triad

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



26.3593, 16.9109, 29.8918



14.7191, 16.9109, 2.6530



9.8589, 16.9109, 40.4974

Complementary

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



26.3593, 16.9109, 29.8918



21.6357, 34.4807, 19.4266

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.



8.5325, 16.9109, 22.7012



26.3593, 16.9109, 29.8918



10.9465, 16.9109, 4.4766

Square

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



26.3593, 16.9109, 29.8918



19.6967, 16.9109, 3.0945



8.8863, 16.9109, 10.3287



12.9240, 16.9109, 55.9200

Rectangle

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



26.3593, 16.9109, 29.8918



25.6730, 16.9109, 8.3854



8.8863, 16.9109, 10.3287



9.2259, 16.9109, 34.3174

Sweetspot

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



26.3598, 16.9117, 29.8921



65.2392, 60.3131, 76.1440



16.5891, 11.5639, 43.4775



14.1975, 12.9127, 16.5907



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.3598, 16.9117, 29.8921



44.5366, 25.6063, 48.5926



23.2613, 15.6723, 13.5753



8.7403, 8.6028, 10.1310



15.8199, 7.8455, 14.7432



0.5219, 0.2565, 0.5911

Inverse Universe

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



26.3598, 16.9117, 29.8921



44.5366, 25.6063, 48.5926



24.9923, 35.8234, 37.1024



8.7403, 8.6028, 10.1310



15.8199, 7.8455, 14.7432



0.5219, 0.2565, 0.5911

Previews

White Background



This preview shows how the XYZ color 26.3593, 16.9109, 29.8918 looks on a white background.

Color Contrast Check

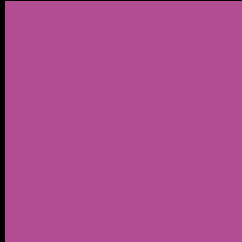
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 26.3593, 16.9109, 29.8918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

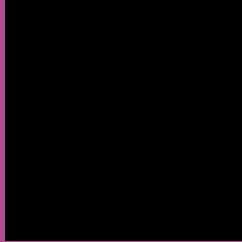
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.3593, 16.9109, 29.8918

Background



This preview shows how black text looks on a background with the XYZ color 26.3593, 16.9109, 29.8918.



This preview shows how white text looks on a background with the XYZ color 26.3593, 16.9109,

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

26.3593, 16.9109, 29.8918

Protanopia

18.2558, 17.2720, 43.4459

Deuteranopia

17.4697, 17.2080, 27.9919



Tritanopia

22.9173, 16.8735, 13.1154

Trichromacy



Original Color

26.3593, 16.9109, 29.8918

Protanomaly

19.7523, 16.1526, 38.1531

Deuteranomaly

19.7446, 16.3622, 28.5031

Tritanomaly

24.0222, 16.8488, 18.2057

Monochromacy



Original Color

26.3593, 16.9109, 29.8918

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

18.9657, 16.2429, 22.2143

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3593, 16.9109, 29.8918 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(178, 77, 148)` looks like.

```
.text, #text, p{  
    color:rgb(178, 77, 148)  
}
```

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(178, 77, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 77, 148) }
```

Border

The CSS property to change the border of an element to XYZ 26.3593, 16.9109, 29.8918 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(178, 77, 148) }
```


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

```
.border{ border-color:rgb(178, 77, 148) }
```

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

Here you see how a box with a 4 pixel rgb(178, 77, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 77, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 77, 148);  
box-shadow:4px 4px 4px 4px rgb(178, 77,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3593, 16.9109, 29.8918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 77, 148) }
```

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

```
.background{ background-color: rgb(178, 77,  
148) }
```

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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