

Converting Colors

XYZ(23.0877, 16.8843, 29.1794)

Have a look what the booklet for
XYZ(23.0877, 16.8843, 29.1794)
contains.

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Color

**XYZ(23.0299, 16.8266,
29.2282)**

Conversions

Conversions Part 1

Format	Color
Hex	9E5B92
RGB	158, 91, 146
RGB Percent	62%, 36%, 57%
CMY	0.3804, 0.6431, 0.4274
CMYK	0.00, 0.42, 0.08, 0.38
HSL	311°, 27%, 49%
HSV	311°, 42%, 62%
XYZ	23.0299, 16.8266, 29.2282
YIQ	117.3030, 22.2770, 31.3090

Conversions

Conversions Part 2

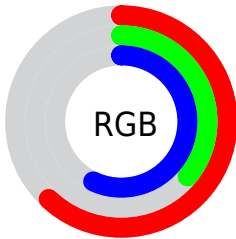
Format	Color
R _Y B	158, 91, 146
Decimal	10378130
CIE Lab	48.04, 35.67, -18.60
CIE LCh	48, 40.233, 332.462
Yxy	16.8266, 0.3334, 0.2436
Android (android.graphics.Color)	4288568210 (0xFF9E5B92)
YUV	117.3030, 14.1476, 35.6913
Hunter-Lab	41.0202, 28.4294, -13.5318

Details

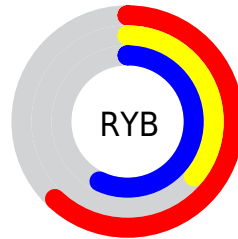
The XYZ color **23.0299, 16.8266, 29.2282** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **18.9901, 27.6576, 17.1706**, and the grayscale version is **16.9556, 17.8386, 19.4263**.

A 20% lighter version of the original color is **47.9793, 38.1112, 59.4710**, and **8.7192, 5.4854, 11.4257** is the 20% darker color. If you saturate the color by 10%, you get **21.6014, 14.3174, 27.6794**, and if you desaturate by 10%, it is **24.7492, 19.9083, 30.9012**.

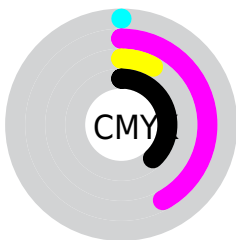
Distribution



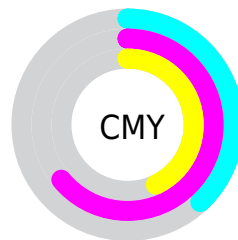
- Red (62%)
- Green (36%)
- Blue (57%)



- Red (62%)
- Yellow (36%)
- Blue (57%)



- Cyan (0%)
- Magenta (42%)
- Yellow (8%)
- Black (38%)



- Cyan (38%)
- Magenta (64%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0299, 16.8266, 29.2282 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 23.0299, 16.8266, 29.2282 by changing the saturation by 10% instead.

■ 23.0299, 16.8266,
29.2282

■ 23.0299, 16.8266,
29.2282

260.4110,
234.1711, 312.3847

■ 14.7364, 10.1109,
19.0065

■ 47.9087, 38.0274,
59.4860

■ 8.7197, 5.4726,
11.4981

■ 65.2247, 53.2813,
80.3591

■ 4.6145, 2.5271,
6.2845

■ 86.2790, 72.1501,
105.6197

■ 2.0553, 0.8902,
2.9473

■ 111.4368, 95.0182,
135.6864

■ 0.6647, 0.0000,
1.0678

141.0636,
122.2700, 170.9777

■ 0.0000, 0.0000,
0.0000

175.5246,

154.2898, 211.9122

215.1853,
191.4620, 258.9083

■ 23.0299, 16.8266,
29.2282

■ 23.0299, 16.8266,
29.2282

■ 21.6014, 14.3174,
27.6794

■ 24.7492, 19.9083,
30.9012

■ 20.4442, 12.3423,
26.2476

■ 26.7743, 23.5930,
32.7030

■ 19.5387, 10.8620,
24.9262

■ 29.1209, 27.9118,
34.6392

■ 18.8620, 9.8307,
23.7073

■ 31.8032, 32.8931,
36.7148

■ 18.3868, 9.1940,
22.5818

■ 34.8345, 38.5636,
38.9343

■ 18.1098, 8.8728,
21.7720

■ 38.2275, 44.9482,
41.3022

■ 41.9940, 52.0710,
43.8227

■ 46.1456, 59.9547,
46.4997

■ 50.6931, 68.6211,
49.3370

Harmonies

Analogous

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



20.0480, 16.8266, 40.9472



23.0299, 16.8266, 29.2282



24.0466, 16.8266, 17.4743

Triad

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



23.0299, 16.8266, 29.2282



15.6946, 16.8266, 4.7124



10.7887, 16.8266, 31.3105

Complementary

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



23.0299, 16.8266, 29.2282



18.9901, 27.6576, 17.1706

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.



9.9745, 16.8266, 19.1953



23.0299, 16.8266, 29.2282



12.5257, 16.8266, 6.0859

Square

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



23.0299, 16.8266, 29.2282



19.4491, 16.8266, 5.6825



10.5592, 16.8266, 10.5342



12.9730, 16.8266, 42.4357

Rectangle

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



23.0299, 16.8266, 29.2282



23.3652, 16.8266, 11.6851



10.5592, 16.8266, 10.5342



10.3620, 16.8266, 27.0882

Sweetspot

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



23.0304, 16.8274, 29.2285



52.4970, 49.9736, 62.5952



15.4118, 12.7863, 34.0037



11.6243, 10.8768, 13.9414



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



23.0304, 16.8274, 29.2285



39.3235, 26.1659, 50.3755



20.8417, 15.9519, 17.7028



6.8531, 6.7342, 8.0778



14.5171, 7.1114, 17.5059



0.2718, 0.1320, 0.3772

Inverse Universe

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



23.0304, 16.8274, 29.2285



39.3235, 26.1659, 50.3755



20.9621, 28.4464, 27.5550



6.8531, 6.7342, 8.0778



14.5171, 7.1114, 17.5059



0.2718, 0.1320, 0.3772

Previews

White Background



This preview shows how the XYZ color 23.0299, 16.8266, 29.2282 looks on a white background.

Color Contrast Check

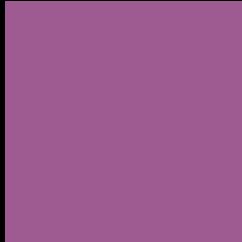
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.0299, 16.8266, 29.2282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

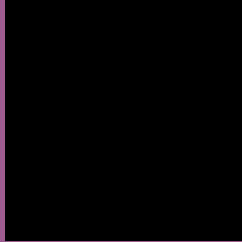
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 23.0299, 16.8266, 29.2282

Background



This preview shows how black text looks on a background with the XYZ color 23.0299, 16.8266, 29.2282.



This preview shows how white text looks on a background with the XYZ color 23.0299, 16.8266,

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

23.0299, 16.8266, 29.2282

Protanopia

17.5723, 17.0715, 36.5514

Deuteranopia

17.2322, 16.9208, 27.9490



Tritanopia

20.2526, 16.7575, 16.0770

Trichromacy



Original Color

23.0299, 16.8266, 29.2282

Protanomaly

18.7981, 16.4965, 33.6459

Deuteranomaly

18.8103, 16.4730, 28.1748

Tritanomaly

21.1516, 16.7148, 20.2006

Monochromacy



Original Color

23.0299, 16.8266, 29.2282

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

18.7746, 17.1892, 22.7504

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0299, 16.8266, 29.2282 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(158, 91, 146)` looks like.

```
.text, #text, p{  
    color:rgb(158, 91, 146)  
}
```

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(158, 91, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 91, 146) }
```

Border

The CSS property to change the border of an element to XYZ 23.0299, 16.8266, 29.2282 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(158, 91, 146) }
```


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

```
.border{ border-color:rgb(158, 91, 146) }
```

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

Here you see how a box with a 4 pixel rgb(158, 91, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 91, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 91, 146);  
box-shadow:4px 4px 4px 4px rgb(158, 91,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0299, 16.8266, 29.2282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 91, 146) }
```

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

```
.background{ background-color: rgb(158, 91,  
146) }
```

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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