

Converting Colors

XYZ(29.2763, 23.9124, 39.6165)

Have a look what the booklet for
XYZ(29.2763, 23.9124, 39.6165)
contains.

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Color

**XYZ(29.1794, 23.8539,
39.6256)**

Conversions

Conversions Part 1

Format	Color
Hex	A676A7
RGB	166, 118, 167
RGB Percent	65%, 46%, 65%
CMY	0.3490, 0.5372, 0.3451
CMYK	0.01, 0.29, 0.00, 0.35
HSL	299°, 22%, 56%
HSV	299°, 29%, 65%
XYZ	29.1794, 23.8539, 39.6256
YIQ	137.9380, 12.8790, 25.4150

Conversions

Conversions Part 2

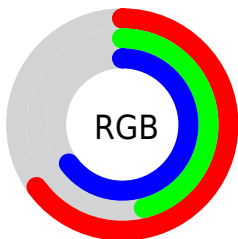
Format	Color
R_{YB}	166, 118, 167
Decimal	10909351
CIE Lab	55.94, 27.21, -18.75
CIE LCh	56, 33.046, 325.421
Yxy	23.8539, 0.3149, 0.2574
Android (android.graphics.Color)	4289099431 (0xFFA676A7)
YUV	137.9380, 14.3276, 24.6104
Hunter-Lab	48.8405, 21.1728, -13.9153

Details

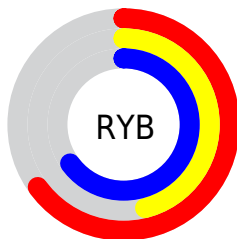
The XYZ color **29.1794, 23.8539, 39.6256** is a light color, and the websafe version is hex **996699**. A complement of this color would be **24.6973, 32.8680, 22.1832**, and the grayscale version is **24.0782, 25.3321, 27.5867**.

A 20% lighter version of the original color is **57.8719, 49.9293, 75.6944**, and **12.0327, 9.0048, 17.3236** is the 20% darker color. If you saturate the color by 10%, you get **27.3132, 20.2269, 39.0242**, and if you desaturate by 10%, it is **31.3955, 28.1795, 40.3441**.

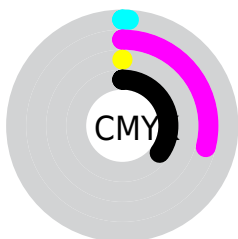
Distribution



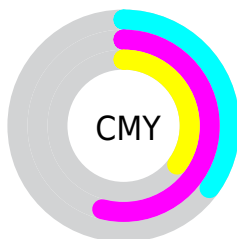
- Red (65%)
- Green (46%)
- Blue (65%)



- Red (65%)
- Yellow (46%)
- Blue (65%)



- Cyan (1%)
- Magenta (29%)
- Yellow (0%)
- Black (35%)





- Cyan (35%)
- Magenta (54%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.1794, 23.8539, 39.6256 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 29.1794, 23.8539, 39.6256 by changing the saturation by 10% instead.

 29.1794, 23.8539,
39.6256


 29.1794, 23.8539,
39.6256


290.0394,
272.0810, 360.0481

 19.3615, 15.2253,
26.9352


 57.7576, 49.7917,
75.8239

 12.0374, 8.9776,
17.2925


 77.2486, 67.8696,
100.1689

 6.8415, 4.7266,
10.2791


 100.6948, 89.8661,
129.2357

 3.4086, 2.0878,
5.4764

128.4614,
116.1656, 163.4431

 1.3734, 0.6577,
2.4658

160.9138,
147.1525, 203.2095

 0.2371, 0.0000,
0.8220

198.4173,

 0.0000, 0.0000,

183.2110, 248.9534

0.0000

241.3374,
224.7258, 301.0934

■ 29.1794, 23.8539,
39.6256

■ 29.1794, 23.8539,
39.6256

■ 27.3132, 20.2269,
39.0242

■ 31.3955, 28.1795,
40.3441

■ 25.7762, 17.2585,
38.5323

■ 33.9762, 33.2345,
41.1838

■ 24.5491, 14.9097,
38.1436

■ 36.9383, 39.0518,
42.1505

■ 23.6098, 13.1361,
37.8508

■ 40.2965, 45.6613,
43.2493

■ 22.9330, 11.8873,
37.6454

■ 44.0652, 53.0913,
44.4848

■ 22.4892, 11.1043,
37.5176

■ 48.2577, 61.3687,
45.8615

■ 22.2179, 10.6658,
37.4473

■ 52.8869, 70.5193,
47.3838

■ 22.2013, 10.6394,
37.4431

■ 57.9651, 80.5675,
49.0556

■ 59.1118, 82.7525,
49.4169

Harmonies

Analogous

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



25.9285, 23.8539, 49.5953



29.1794, 23.8539, 39.6256



30.6925, 23.8539, 27.6655

Triad

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



29.1794, 23.8539, 39.6256



23.2560, 23.8539, 10.2889



16.7357, 23.8539, 35.9421

Complementary

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



29.1794, 23.8539, 39.6256



24.6973, 32.8680, 22.1832

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.



16.1874, 23.8539, 24.3507



29.1794, 23.8539, 39.6256



19.7010, 23.8539, 11.3734

Square

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



29.1794, 23.8539, 39.6256



27.0400, 23.8539, 12.3560



17.2127, 23.8539, 15.8829



18.8024, 23.8539, 47.0882

Rectangle

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



29.1794, 23.8539, 39.6256



30.4023, 23.8539, 20.8345



17.2127, 23.8539, 15.8829



16.3782, 23.8539, 31.8933

Sweetspot

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



29.1802, 23.8549, 39.6261



60.9363, 59.6921, 73.7853



21.1198, 19.9877, 39.3045



13.4812, 13.0536, 16.4612



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



29.1802, 23.8549, 39.6261



50.0840, 38.4911, 70.2651



27.4598, 23.1911, 29.4690



7.8266, 7.6587, 9.4841



16.9938, 8.1440, 28.6518



0.4180, 0.2005, 0.6973

Inverse Universe

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



25.7454, 22.5053, 20.4409



42.9645, 35.6961, 30.3884



26.0886, 33.4087, 30.2218



7.5371, 7.5447, 7.8795



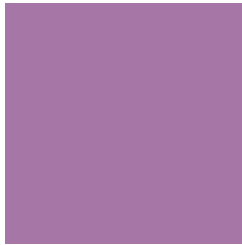
12.2112, 6.2932, 0.6578



0.2990, 0.1539, 0.0259

Previews

White Background



This preview shows how the XYZ color 29.1794, 23.8539, 39.6256 looks on a white background.

Color Contrast Check

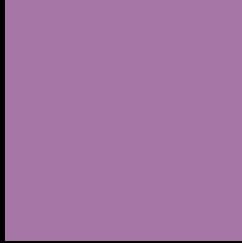
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.1794, 23.8539, 39.6256 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 29.1794, 23.8539, 39.6256

Background



This preview shows how black text looks on a background with the XYZ color 29.1794, 23.8539, 39.6256.



This preview shows how white text looks on a background with the XYZ color 29.1794, 23.8539,

39.6256.

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

29.1794, 23.8539, 39.6256

Protanopia

24.4494, 24.1270, 45.4878

Deuteranopia

24.4678, 24.0884, 38.4819



Tritanopia

26.2087, 23.7136, 25.7501

Trichromacy



Original Color

29.1794, 23.8539, 39.6256

Protanomaly

25.8404, 23.8976, 43.2952

Deuteranomaly

25.8825, 23.8246, 38.8318

Tritanomaly

27.2521, 23.7809, 30.3480

Monochromacy



Original Color

29.1794, 23.8539, 39.6256

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.7539, 24.6984, 31.8437

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1794, 23.8539, 39.6256 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(166, 118, 167)` looks like.

```
.text, #text, p{  
    color:rgb(166, 118, 167)  
}
```

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(166, 118, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 118, 167) }
```

Border

The CSS property to change the border of an element to XYZ 29.1794, 23.8539, 39.6256 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(166, 118, 167) }
```


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

```
.border{ border-color:rgb(166, 118, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 118, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 118, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 118, 167);  
box-shadow:4px 4px 4px 4px rgb(166, 118,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1794, 23.8539, 39.6256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 118, 167) }
```

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

```
.background{ background-color: rgb(166,  
118, 167) }
```

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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