

Converting Colors

XYZ(25.9290, 19.2686, 39.9701)

Have a look what the booklet for
XYZ(25.9290, 19.2686, 39.9701)
contains.

XYZ(26.0167, 19.3498, 39.8998)	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(26.0167, 19.3498,
39.8998)**

Conversions

Conversions Part 1

Format	Color
Hex	9F64A9
RGB	159, 100, 169
RGB Percent	62%, 39%, 66%
CMY	0.3765, 0.6078, 0.3373
CMYK	0.06, 0.41, 0.00, 0.34
HSL	291°, 29%, 53%
HSV	291°, 41%, 66%
XYZ	26.0167, 19.3498, 39.8998
YIQ	125.5070, 13.0150, 33.9670

Conversions

Conversions Part 2

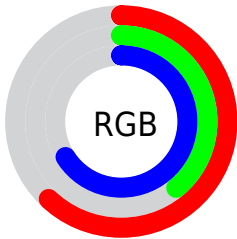
Format	Color
RYB	159, 100, 169
Decimal	10445993
CIELab	51.09, 35.45, -27.44
CIELCh	51, 44.827, 322.255
Yxy	19.3498, 0.3051, 0.2269
Android (android.graphics.Color)	4288636073 (0xFF9F64A9)
YUV	125.5070, 21.4420, 29.3734
Hunter-Lab	43.9884, 28.5931, -22.9873

Details

The XYZ color **26.0167, 19.3498, 39.8998** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **22.9192, 32.6115, 17.1441**, and the grayscale version is **19.5913, 20.6115, 22.4460**.

A 20% lighter version of the original color is **52.7071, 42.2854, 75.9049**, and **10.3386, 6.7162, 17.5811** is the 20% darker color. If you saturate the color by 10%, you get **24.0801, 16.1901, 39.3923**, and if you desaturate by 10%, it is **28.3005, 23.1886, 40.5207**.

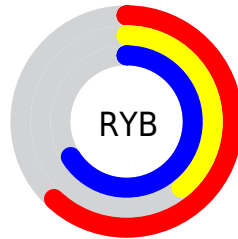
Distribution



Red (62%)

Green (39%)

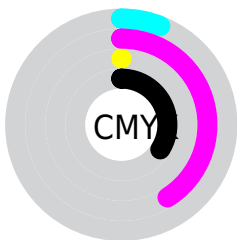
Blue (66%)



Red (62%)

Yellow (39%)

Blue (66%)

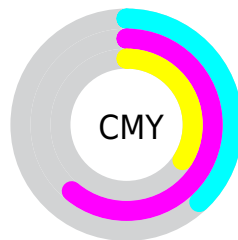


Cyan (6%)

Magenta (41%)

Yellow (0%)

Black (34%)



Cyan (38%)

Magenta (61%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0167, 19.3498, 39.8998 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 26.0167, 19.3498, 39.8998 by changing the saturation by 10% instead.

■ 26.0167, 19.3498,
39.8998

■ 26.0167, 19.3498,
39.8998

275.1192,
248.3731, 361.2406

■ 16.9689, 11.9233,
27.1472

■ 52.7330, 42.3243,
76.2463

■ 10.3075, 6.6915,
17.4504

■ 71.1322, 58.6412,
100.6774

■ 5.6671, 3.2699,
10.3908

■ 93.3792, 78.6903,
129.8383

■ 2.6825, 1.2742,
5.5499

■ 119.8394,
102.8560, 164.1477

■ 0.9882, 0.1211,
2.5090

150.8782,
131.5227, 204.0241

■ 0.0000, 0.0000,
0.8449

186.8608,

■ 0.0000, 0.0000,

165.0749, 249.8860

0.0000

228.1527,
203.8969, 302.1520

■ 26.0167, 19.3498,
39.8998

■ 26.0167, 19.3498,
39.8998

■ 24.0801, 16.1901,
39.3923

■ 28.3005, 23.1886,
40.5207

■ 22.4677, 13.6650,
38.9899

■ 30.9486, 27.7423,
41.2601

■ 21.1568, 11.7287,
38.6852

■ 33.9796, 33.0472,
42.1243

■ 20.1208, 10.3283,
38.4695

■ 37.4099, 39.1364,
43.1188

■ 19.3284, 9.4011,
38.3323

■ 41.2553, 46.0409,
44.2488

■ 18.7522, 8.8398,
38.2543

■ 45.5303, 53.7901,
45.5193

■ 50.2491, 62.4121,
46.9348

■ 55.4250, 71.9334,
48.4998

■ 61.0708, 82.3796,
50.2185

Harmonies

Analogous

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



21.8242, 19.3498, 52.8387



26.0167, 19.3498, 39.8998



28.2337, 19.3498, 24.5449

Triad

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



26.0167, 19.3498, 39.8998



19.5682, 19.3498, 4.9253



11.5575, 19.3498, 31.7727

Complementary

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



26.0167, 19.3498, 39.8998



22.9192, 32.6115, 17.1441

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.



11.1521, 19.3498, 17.9372



26.0167, 19.3498, 39.8998



15.3389, 19.3498, 5.5582

Square

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



26.0167, 19.3498, 39.8998



24.1391, 19.3498, 7.0296



12.4238, 19.3498, 9.3507



13.6372, 19.3498, 46.9768

Rectangle

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



26.0167, 19.3498, 39.8998



28.0785, 19.3498, 16.2857



12.4238, 19.3498, 9.3507



11.2361, 19.3498, 26.7068

Sweetspot

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



26.0174, 19.3506, 39.9002



60.0595, 57.7840, 75.2130



18.0314, 16.8022, 39.8292



12.9395, 12.3291, 16.3499



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.



26.0174, 19.3506, 39.9002



43.4298, 29.4829, 70.6269



26.0192, 19.5898, 29.1379



7.7335, 7.6107, 9.4798



14.0105, 6.6061, 28.5122



0.3690, 0.1752, 0.6950

Inverse Universe

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



23.7344, 18.6759, 17.1064



38.9385, 28.2035, 23.6125



23.0917, 32.5448, 24.1840



7.5738, 7.5594, 8.0727



12.3341, 6.3423, 1.3048



0.3129, 0.1594, 0.0992

Previews

White Background



This preview shows how the XYZ color 26.0167, 19.3498, 39.8998 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 26.0167, 19.3498, 39.8998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

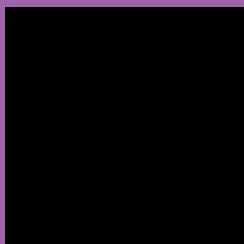
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.0167, 19.3498, 39.8998

Background



This preview shows how black text looks on a background with the XYZ color 26.0167, 19.3498, 39.8998.



This preview shows how white text looks on a background with the XYZ color 26.0167, 19.3498,

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

26.0167, 19.3498, 39.8998

Protanopia

20.6190, 19.5884, 48.5931

Deuteranopia

19.9384, 19.4646, 38.3035



Tritanopia

21.9631, 19.3762, 20.0352

Trichromacy



Original Color

26.0167, 19.3498, 39.8998

Protanomaly

21.9270, 19.1299, 45.1846

Deuteranomaly

21.6901, 19.1526, 38.6300

Tritanomaly

23.2906, 19.2901, 26.1627

Monochromacy



Original Color

26.0167, 19.3498, 39.8998

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

21.7250, 20.0788, 28.3218

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0167, 19.3498, 39.8998 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(159, 100, 169)` looks like.

```
.text, #text, p{  
    color:rgb(159, 100, 169)  
}
```

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(159, 100, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 100, 169) }
```

Border

The CSS property to change the border of an element to XYZ 26.0167, 19.3498, 39.8998 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(159, 100, 169) }
```


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

```
.border{ border-color:rgb(159, 100, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 100, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 100, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 100, 169);  
box-shadow:4px 4px 4px 4px rgb(159, 100,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0167, 19.3498, 39.8998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 100, 169) }
```

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

```
.background{ background-color: rgb(159,  
100, 169) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor