

Converting Colors

XYZ(30.2639, 25.5441, 39.4533)

Have a look what the booklet for
XYZ(30.2639, 25.5441, 39.4533)
contains.

XYZ(30.2390, 25.4933, 39.4033)	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(30.2390, 25.4933,
39.4033)**

Conversions

Conversions Part 1

Format	Color
Hex	A87CA6
RGB	168, 124, 166
RGB Percent	66%, 49%, 65%
CMY	0.3412, 0.5137, 0.3490
CMYK	0.00, 0.26, 0.01, 0.34
HSL	303°, 20%, 57%
HSV	303°, 26%, 66%
XYZ	30.2390, 25.4933, 39.4033
YIQ	141.9440, 12.7420, 22.3900

Conversions

Conversions Part 2

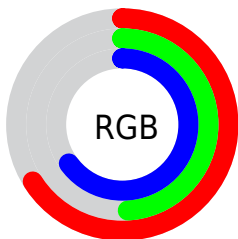
Format	Color
RYB	168, 124, 166
Decimal	11041958
CIELab	57.55, 24.30, -15.71
CIELCh	58, 28.931, 327.115
Yxy	25.4933, 0.3179, 0.2680
Android (android.graphics.Color)	4289232038 (0xFFA87CA6)
YUV	141.9440, 11.8596, 22.8511
Hunter-Lab	50.4909, 18.5446, -10.9265

Details

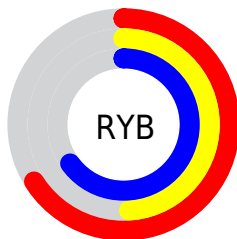
The XYZ color **30.2390, 25.4933, 39.4033** is a light color, and the websafe version is hex **996699**. A complement of this color would be **26.0817, 33.7974, 24.8890**, and the grayscale version is **25.6407, 26.9761, 29.3769**.

A 20% lighter version of the original color is **59.5138, 52.5120, 75.4057**, and **12.5563, 9.7573, 17.1411** is the 20% darker color. If you saturate the color by 10%, you get **28.2407, 21.6081, 38.3928**, and if you desaturate by 10%, it is **32.5979, 30.0983, 40.5366**.

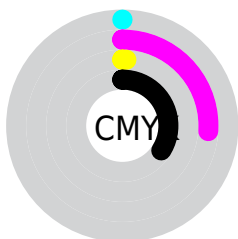
Distribution



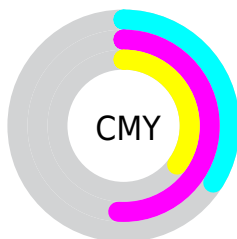
- Red (66%)
- Green (49%)
- Blue (65%)



- Red (66%)
- Yellow (49%)
- Blue (65%)



- Cyan (0%)
- Magenta (26%)
- Yellow (1%)
- Black (34%)



- Cyan (34%)
- Magenta (51%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2390, 25.4933, 39.4033 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 30.2390, 25.4933, 39.4033 by changing the saturation by 10% instead.

■ 30.2390, 25.4933,
39.4033

■ 30.2390, 25.4933,
39.4033

294.9068,
280.2858, 359.0791

■ 20.1690, 16.4450,
26.7634

■ 59.4240, 52.4564,
75.4811

■ 12.6270, 9.8396,
17.1647

■ 79.2697, 71.1399,
99.7561

■ 7.2474, 5.2927,
10.1888

■ 103.1047, 93.8039,
128.7466

■ 3.6650, 2.4200,
5.4171

131.2944,
120.8329, 162.8710

■ 1.5144, 0.8362,
2.4310

164.2041,
152.6112, 202.5479

■ 0.3356, 0.0000,
0.8033

202.1991,

■ 0.0000, 0.0000,

189.5231, 248.1959

0.0000

245.6449,
231.9532, 300.2334

■ 30.2390, 25.4933,
39.4033

■ 30.2390, 25.4933,
39.4033

■ 28.2407, 21.6081,
38.3928

■ 32.5979, 30.0983,
40.5366

■ 26.5826, 18.4030,
37.4975

■ 35.3321, 35.4534,
41.7968

■ 25.2457, 15.8396,
36.7113

■ 38.4580, 41.5915,
43.1896

■ 24.2081, 13.8742,
36.0269

■ 41.9907, 48.5424,
44.7200

■ 23.4453, 12.4579,
35.4362

■ 45.9442, 56.3343,
46.3929

■ 22.9291, 11.5338,
34.9296

■ 50.3320, 64.9941,
48.2125

■ 22.6207, 11.0250,
34.4944

■ 55.1670, 74.5476,
50.1833

■ 22.5256, 10.8757,
34.3366

■ 59.3657, 82.8277,
51.9440

■ 59.4393, 82.8572,
52.3318

Harmonies

Analogous

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



27.3815, 25.4933, 48.3340



30.2390, 25.4933, 39.4033



31.4779, 25.4933, 28.7250

Triad

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



30.2390, 25.4933, 39.4033



24.5660, 25.4933, 12.7789



18.7928, 25.4933, 37.3483

Complementary

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



30.2390, 25.4933, 39.4033



26.0817, 33.7974, 24.8890

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.



18.1910, 25.4933, 26.8127



30.2390, 25.4933, 39.4033



21.3312, 25.4933, 14.0493

Square

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



30.2390, 25.4933, 39.4033



28.0137, 25.4933, 14.6654



19.0760, 25.4933, 18.6678



20.8044, 25.4933, 46.9633

Rectangle

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



30.2390, 25.4933, 39.4033



31.1394, 25.4933, 22.5339



19.0760, 25.4933, 18.6678



18.4277, 25.4933, 33.7326

Sweetspot

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



30.2398, 25.4944, 39.4038



63.0878, 62.3216, 75.3791



22.8024, 21.6389, 40.0211



13.5875, 13.2641, 16.3549



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.



30.2398, 25.4944, 39.4038



52.8432, 42.3107, 70.4894



28.4319, 24.7713, 29.8836



7.8270, 7.6606, 9.4060



17.0155, 8.2149, 25.9569



0.4183, 0.2016, 0.6543

Inverse Universe

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



30.2398, 25.4944, 39.4038



52.8432, 42.3107, 70.4894



27.6189, 34.4123, 32.9837



7.8270, 7.6606, 9.4060



17.0155, 8.2149, 25.9569



0.4183, 0.2016, 0.6543

Previews

White Background



This preview shows how the XYZ color 30.2390, 25.4933, 39.4033 looks on a white background.

Color Contrast Check

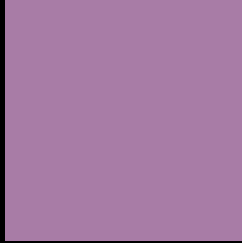
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.2390, 25.4933, 39.4033 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 30.2390, 25.4933, 39.4033

Background



This preview shows how black text looks on a background with the XYZ color 30.2390, 25.4933, 39.4033.



This preview shows how white text looks on a background with the XYZ color 30.2390, 25.4933,

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

30.2390, 25.4933, 39.4033

Protanopia

25.7368, 25.6536, 44.1526

Deuteranopia

26.1800, 25.5837, 38.6803



Tritanopia

27.8203, 25.4571, 27.8735

Trichromacy



Original Color

30.2390, 25.4933, 39.4033

Protanomaly

27.0254, 25.3207, 42.4927

Deuteranomaly

27.4855, 25.4332, 39.0578

Tritanomaly

28.5312, 25.3480, 31.8227

Monochromacy



Original Color

30.2390, 25.4933, 39.4033

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

27.0124, 26.1416, 32.9003

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2390, 25.4933, 39.4033 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(168, 124, 166)` looks like.

```
.text, #text, p{  
    color:rgb(168, 124, 166)  
}
```

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(168, 124, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 124, 166) }
```

Border

The CSS property to change the border of an element to XYZ 30.2390, 25.4933, 39.4033 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(168, 124, 166) }
```


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

```
.border{ border-color:rgb(168, 124, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 124, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 124, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 124, 166);  
box-shadow:4px 4px 4px 4px rgb(168, 124,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2390, 25.4933, 39.4033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 124, 166) }
```

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

```
.background{ background-color: rgb(168,  
124, 166) }
```

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