

Converting Colors

XYZ(39.1256, 24.9227, 86.7800)

Have a look what the booklet for
XYZ(39.1256, 24.9227, 86.7800)
contains.

XYZ(39.0793, 24.9182, 86.7544)	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(39.0793, 24.9182,
86.7544)**

Conversions

Conversions Part 1

Format	Color
Hex	B363F2
RGB	179, 99, 242
RGB Percent	70%, 39%, 95%
CMY	0.2980, 0.6118, 0.0510
CMYK	0.26, 0.59, 0.00, 0.05
HSL	274°, 85%, 67%
HSV	274°, 59%, 95%
XYZ	39.0793, 24.9182, 86.7544
YIQ	139.2220, 1.7770, 61.4330

Conversions

Conversions Part 2

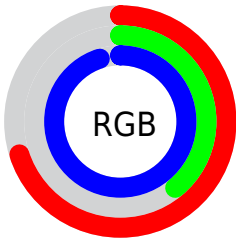
Format	Color
R _{YB}	179, 99, 242
Decimal	11756530
CIE _{Lab}	57.00, 57.16, -59.56
CIE _{LCh}	57, 82.551, 313.823
Yxy	24.9182, 0.2592, 0.1653
Android (android.graphics.Color)	4289946610 (0xFFB363F2)
YUV	139.2220, 50.6696, 34.8853
Hunter-Lab	49.9181, 52.3852, -68.0994

Details

The XYZ color **39.0793, 24.9182, 86.7544** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **48.9049, 72.0869, 23.1417**, and the grayscale version is **24.4375, 25.7102, 27.9984**.

A 20% lighter version of the original color is **64.7011, 48.1796, 100.4972**, and **17.7214, 9.5171, 46.8019** is the 20% darker color. If you saturate the color by 10%, you get **34.7512, 19.7787, 85.9909**, and if you desaturate by 10%, it is **44.2868, 31.5311, 87.7568**.

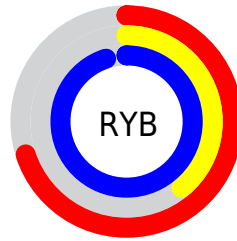
Distribution



Red (70%)

Green (39%)

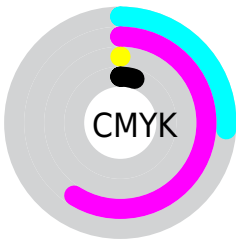
Blue (95%)



Red (70%)

Yellow (39%)

Blue (95%)

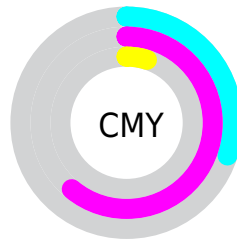


Cyan (26%)

Magenta (59%)

Yellow (0%)

Black (5%)



Cyan (30%)


Magenta (61%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.0793, 24.9182, 86.7544 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 39.0793, 24.9182, 86.7544 by changing the saturation by 10% instead.


 39.0793, 24.9182,
86.7544


 39.0793, 24.9182,
86.7544

333.4289,
277.4303, 537.7107

 27.0024, 16.0161,
64.7335


 73.0527, 51.5245,
144.7176


 17.7116, 9.5356,
46.7951


 95.6800, 69.9975,
181.4970

 10.8416, 5.0921,
32.5205


 122.5548, 92.4296,
224.0330

 6.0269, 2.3014,
21.4913

 154.0425,
119.2052, 272.7441

 2.9023, 0.7745,
13.2888

190.5083,
150.7086, 328.0489

 1.1023, 0.0000,
7.4947

232.3178,

 0.0270, 0.0000,

187.3244, 390.3659

3.6902

279.8362,
229.4368, 460.1137

■ 0.0000, 0.0000,
1.4570

■ 0.0000, 0.0000,
0.1856

■ 39.0793, 24.9182,
86.7544

■ 39.0793, 24.9182,
86.7544

■ 34.7512, 19.7787,
85.9909

■ 44.2868, 31.5311,
87.7568

■ 31.2314, 15.9807,
85.4434

■ 50.4301, 39.7281,
89.0152

■ 28.4416, 13.3724,
85.0870

■ 57.5644, 49.6120,
90.5470

■ 26.2626, 11.7229,
84.8834

■ 65.7392, 61.2760,
92.3675

■ 26.0813, 11.5940,
84.8681

■ 75.0004, 74.8066,
94.4910

■ 85.3911, 90.2841,
96.9308

■ 92.5257, 98.9323,
98.2241

■ 93.0271, 99.1908,
98.2476

Harmonies

Analogous

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



28.4230, 24.9182, 119.0040



39.0793, 24.9182, 86.7544



46.4780, 24.9182, 44.8896

Triad

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



39.0793, 24.9182, 86.7544



29.2665, 24.9182, 1.3749



9.8023, 24.9182, 41.9911

Complementary

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



39.0793, 24.9182, 86.7544



48.9049, 72.0869, 23.1417

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.



9.9128, 24.9182, 14.8100



39.0793, 24.9182, 86.7544



19.5034, 24.9182, 1.2986

Square

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



39.0793, 24.9182, 86.7544



39.8403, 24.9182, 4.4118



12.9788, 24.9182, 3.9658



12.6196, 24.9182, 83.4321

Rectangle

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



39.0793, 24.9182, 86.7544



47.5785, 24.9182, 23.7253



12.9788, 24.9182, 3.9658



9.5281, 24.9182, 30.8494

Sweetspot

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



39.0804, 24.9191, 86.7550



75.0630, 70.4946, 104.2583



34.3328, 35.3832, 89.0250



15.4570, 14.2091, 22.1779



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



39.0804, 24.9191, 86.7550



38.2283, 21.2525, 96.6950



56.0541, 33.7911, 82.0522



15.7432, 15.6649, 19.9155



14.1708, 6.3107, 45.5991



1.2930, 0.5838, 3.7988

Inverse Universe

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



47.6019, 30.4102, 37.5434



49.4941, 28.4744, 33.3334



39.5077, 67.2012, 24.5662



16.0621, 15.8745, 17.8831



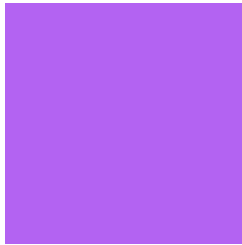
21.1523, 10.7334, 8.7188



1.8089, 0.9126, 0.9845

Previews

White Background



This preview shows how the XYZ color 39.0793, 24.9182, 86.7544 looks on a white background.

Color Contrast Check

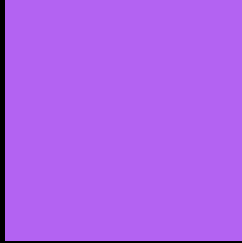
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.0793, 24.9182, 86.7544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

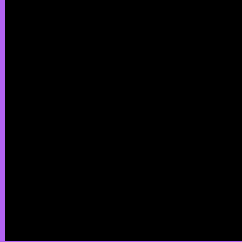
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.0793, 24.9182, 86.7544

Background



This preview shows how black text looks on a background with the XYZ color 39.0793, 24.9182, 86.7544.



This preview shows how white text looks on a background with the XYZ color 39.0793, 24.9182,

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

39.0793, 24.9182, 86.7544

Protanopia

29.1100, 25.3728, 97.9709

Deuteranopia

26.0541, 25.2075, 81.3342



Tritanopia

27.0046, 24.8504, 27.4181

Trichromacy



Original Color

39.0793, 24.9182, 86.7544



Protanomaly

30.6482, 23.9564, 93.4512



Deuteranomaly

28.4376, 23.5939, 83.1760



Tritanomaly

30.3462, 24.1820, 44.1425

Monochromacy



Original Color

39.0793, 24.9182, 86.7544



Achromatopsia

24.5403, 25.8183, 28.1161



Achromatomaly

28.3706, 24.4199, 44.2925

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0793, 24.9182, 86.7544 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(179, 99, 242)` looks like.

```
.text, #text, p{  
    color:rgb(179, 99, 242)  
}
```

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(179, 99, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 99, 242) }
```

Border

The CSS property to change the border of an element to XYZ 39.0793, 24.9182, 86.7544 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(179, 99, 242) }
```


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

```
.border{ border-color:rgb(179, 99, 242) }
```

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

Here you see how a box with a 4 pixel rgb(179, 99, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 99, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 99, 242);  
box-shadow:4px 4px 4px 4px rgb(179, 99,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0793, 24.9182, 86.7544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 99, 242) }
```

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

```
.background{ background-color: rgb(179, 99,  
242) }
```

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