

Converting Colors

XYZ(39.6934, 21.2325, 86.8002)

Have a look what the booklet for
XYZ(39.6934, 21.2325, 86.8002)
contains.

XYZ(39.6934, 21.2325, 86.8002)	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(39.6934, 21.2325,
86.8002)**

Conversions

Conversions Part 1

Format	Color
Hex	C03FF3
RGB	192, 63, 243
RGB Percent	75%, 25%, 95%
CMY	0.2470, 0.7529, 0.0471
CMYK	0.21, 0.74, 0.00, 0.05
HSL	283°, 88%, 60%
HSV	283°, 74%, 95%
XYZ	39.6934, 21.2325, 86.8002
YIQ	122.0910, 19.1040, 83.3280

Conversions

Conversions Part 2

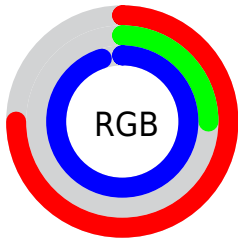
Format	Color
R_{YB}	192, 63, 243
Decimal	12599283
CIE _{Lab}	53.20, 75.45, -66.13
CIE _{LCh}	53, 100.326, 318.765
Yxy	21.2325, 0.2687, 0.1437
Android (android.graphics.Color)	4290789363 (0xFFC03FF3)
YUV	122.0910, 59.6081, 61.3102
Hunter-Lab	46.0787, 73.1267, -79.4316

Details

The XYZ color **39.6934, 21.2325, 86.8002** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **39.8876, 68.0378, 15.7335**, and the grayscale version is **18.3366, 19.2915, 21.0085**.

A 20% lighter version of the original color is **65.1544, 41.8345, 99.2486**, and **18.5358, 8.5317, 47.1242** is the 20% darker color. If you saturate the color by 10%, you get **36.9296, 18.2317, 86.3670**, and if you desaturate by 10%, it is **43.1339, 25.4635, 87.4359**.

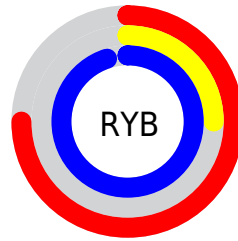
Distribution



Red (75%)

Green (25%)

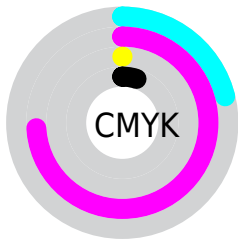
Blue (95%)



Red (75%)

Yellow (25%)

Blue (95%)

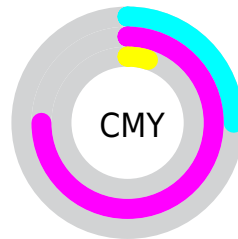


Cyan (21%)

Magenta (74%)

Yellow (0%)

Black (5%)



Cyan (25%)

Magenta (75%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.6934, 21.2325, 86.8002 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 39.6934, 21.2325, 86.8002 by changing the saturation by 10% instead.

39.6934, 21.2325,
86.8002

39.6934, 21.2325,
86.8002

335.9862,
258.5115, 537.8653

27.4827, 13.2941,
64.7712

73.9837, 45.4742,
144.7820

18.0745, 7.6313,
46.8254

96.7941, 62.5462,
181.5719

11.1035, 3.8600,
32.5443

123.8684, 83.4315,
224.1192

6.2043, 1.5955,
21.5093

155.5719,
108.5145, 272.8424

3.0116, 0.3546,
13.3019

192.2701,
138.1796, 328.1601

1.1599, 0.0000,
7.5036

234.3284,

0.0743, 0.0000,

172.8112, 390.4908

3.6958

282.1119,
212.7937, 460.2530

■ 0.0000, 0.0000,
1.4600

■ 0.0000, 0.0000,
0.1879

■ 39.6934, 21.2325,
86.8002

■ 39.6934, 21.2325,
86.8002

■ 36.9296, 18.2317,
86.3670

■ 43.1339, 25.4635,
87.4359

■ 34.7539, 16.2887,
86.1067

■ 47.3187, 31.0614,
88.2958

■ 33.6673, 15.4873,
86.0092

■ 52.3096, 38.1472,
89.4005

■ 58.1606, 46.8277,
90.7676

64.9211, 57.1996,
92.4133

72.6362, 69.3519,
94.3523

81.3480, 83.3674,
96.5984

90.3242, 97.7800,
98.9072

92.7984, 99.0555,
99.0230

Harmonies

Analogous

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



27.4654, 21.2325, 133.9647



39.6934, 21.2325, 86.8002



47.4666, 21.2325, 36.4444

Triad

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



39.6934, 21.2325, 86.8002



24.4140, 21.2325, 0.0000



6.3887, 21.2325, 47.4098

Complementary

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



39.6934, 21.2325, 86.8002



39.8876, 68.0378, 15.7335

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.



6.0726, 21.2325, 13.5159



39.6934, 21.2325, 86.8002



14.3137, 21.2325, 0.0000

Square

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



39.6934, 21.2325, 86.8002



36.7986, 21.2325, 1.1491



8.4145, 21.2325, 2.0476



9.5144, 21.2325, 100.5490

Rectangle

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



39.6934, 21.2325, 86.8002



47.7368, 21.2325, 15.3224



8.4145, 21.2325, 2.0476



6.0044, 21.2325, 33.1918

Sweetspot

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



39.6944, 21.2333, 86.8007



74.0826, 66.3899, 103.5177



24.2455, 19.5632, 87.2926



15.3832, 13.4723, 22.0396



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.



39.6944, 21.2333, 86.8007



39.8768, 19.0903, 96.1908



49.6392, 26.9699, 59.7169



16.7293, 16.5186, 20.8493



18.6165, 8.5715, 47.2113



1.7366, 0.8051, 4.1541

Inverse Universe

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



41.7773, 23.8251, 18.3167



43.6036, 22.8717, 12.3223



36.4993, 66.1177, 23.4094



16.6921, 16.5597, 18.1253



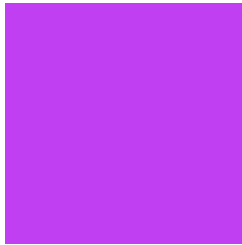
20.9228, 10.7126, 4.3020



1.8812, 0.9584, 0.6006

Previews

White Background



This preview shows how the XYZ color 39.6934, 21.2325, 86.8002 looks on a white background.

Color Contrast Check

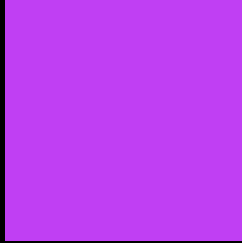
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.6934, 21.2325, 86.8002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

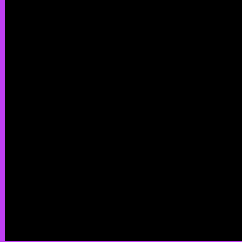
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.6934, 21.2325, 86.8002

Background



This preview shows how black text looks on a background with the XYZ color 39.6934, 21.2325, 86.8002.



This preview shows how white text looks on a background with the XYZ color 39.6934, 21.2325,

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

39.6934, 21.2325, 86.8002

Protanopia

25.7286, 21.6930, 97.4389

Deuteranopia

22.1255, 21.6224, 77.1361



Tritanopia

25.9131, 21.1059, 19.5377

Trichromacy



Original Color

39.6934, 21.2325, 86.8002



Protanomaly

26.2827, 18.4461, 93.4420



Deuteranomaly

22.5311, 17.5507, 80.0420



Tritanomaly

29.2604, 20.0019, 36.9689

Monochromacy



Original Color

39.6934, 21.2325, 86.8002



Achromatopsia

18.4984, 19.4618, 21.1939



Achromatomaly

23.5692, 18.2636, 38.3594

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6934, 21.2325, 86.8002 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(192, 63, 243)` looks like.

```
.text, #text, p{  
    color:rgb(192, 63, 243)  
}
```

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(192, 63, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 63, 243) }
```

Border

The CSS property to change the border of an element to XYZ 39.6934, 21.2325, 86.8002 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(192, 63, 243) }
```


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

```
.border{ border-color:rgb(192, 63, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 63, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 63, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 63, 243);  
box-shadow:4px 4px 4px 4px rgb(192, 63,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6934, 21.2325, 86.8002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 63, 243) }
```

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

```
.background{ background-color: rgb(192, 63,  
243) }
```

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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