

Converting Colors

XYZ(39.4961, 36.1719, 54.7694)

Have a look what the booklet for
XYZ(39.4961, 36.1719, 54.7694)
contains.

XYZ(39.4961, 36.1719, 54.7694)	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(39.4961, 36.1719,
54.7694)**

Conversions

Conversions Part 1

Format	Color
Hex	B399C0
RGB	179, 153, 192
RGB Percent	70%, 60%, 75%
CMY	0.2980, 0.4000, 0.2471
CMYK	0.07, 0.20, 0.00, 0.25
HSL	280°, 24%, 68%
HSV	280°, 20%, 75%
XYZ	39.4961, 36.1719, 54.7694
YIQ	165.2200, 2.9770, 17.6410

Conversions

Conversions Part 2

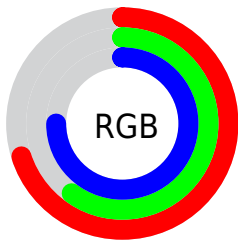
Format	Color
R_{YB}	179, 153, 192
Decimal	11770304
CIE _{Lab}	66.65, 16.86, -16.56
CIE _{LCh}	67, 23.630, 315.520
Yxy	36.1719, 0.3028, 0.2773
Android (android.graphics.Color)	4289960384 (0xFFB399C0)
YUV	165.2200, 13.2025, 12.0851
Hunter-Lab	60.1431, 11.9710, -11.8924

Details

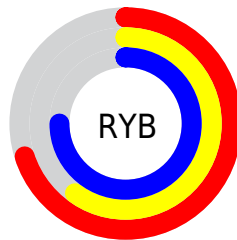
The XYZ color **39.4961, 36.1719, 54.7694** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **40.3264, 48.1071, 37.2988**, and the grayscale version is **35.8083, 37.6731, 41.0260**.

A 20% lighter version of the original color is **73.5171, 69.0651, 98.2631**, and **17.9430, 15.7733, 26.1436** is the 20% darker color. If you saturate the color by 10%, you get **35.1582, 29.6407, 53.7379**, and if you desaturate by 10%, it is **44.4106, 43.7529, 55.9742**.

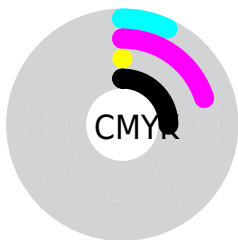
Distribution



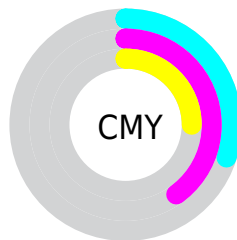
- Red (70%)
- Green (60%)
- Blue (75%)



- Red (70%)
- Yellow (60%)
- Blue (75%)



- Cyan (7%)
- Magenta (20%)
- Yellow (0%)
- Black (25%)





- Cyan (30%)
- Magenta (40%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.4961, 36.1719, 54.7694 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 39.4961, 36.1719, 54.7694 by changing the saturation by 10% instead.

 39.4961, 36.1719,
54.7694


 39.4961, 36.1719,
54.7694


335.1661,
329.7113, 422.2945

 27.3283, 24.5670,
38.8198

 73.6848, 69.2973,
98.6708

 17.9578, 15.7547,
26.3128


 96.4365, 91.5866,
127.4596

 11.0192, 9.3508,
16.8299


123.4468,
118.2061, 161.3652

 6.1472, 4.9707,
9.9526

155.0812,
149.5403, 200.8062

 2.9763, 2.2301,
5.2624

191.7049,
185.9735, 246.2011

 1.1412, 0.7363,
2.3406

233.6834,

 0.0592, 0.0000,

227.8901, 297.9684

0.7538

281.3820,
275.6746, 356.5267

■ 0.0000, 0.0000,
0.0000

■ 39.4961, 36.1719,
54.7694

■ 39.4961, 36.1719,
54.7694

■ 35.1582, 29.6407,
53.7379

■ 44.4106, 43.7529,
55.9742

■ 31.3684, 24.1059,
52.8694

■ 49.9217, 52.4245,
57.3575

■ 28.1007, 19.5163,
52.1557

■ 56.0526, 62.2311,
58.9273

■ 25.3258, 15.8142,
51.5874

■ 62.8241, 73.2131,
60.6901

■ 23.0107, 12.9356,
51.1538

■ 70.2562, 85.4090,
62.6524

■ 21.1182, 10.8073,
50.8427

■ 74.0096, 90.1393,
63.3676

■ 19.6044, 9.3431,
50.6399

■ 75.9538, 91.1416,
63.4586

■ 18.4166, 8.3950,
50.5195

■ 77.9727, 92.1823,
63.5531

■ 80.0670, 93.2620,
63.6511

Harmonies

Analogous

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



36.2435, 36.1719, 61.4400



39.4961, 36.1719, 54.7694



41.4387, 36.1719, 44.4898

Triad

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



39.4961, 36.1719, 54.7694



36.1194, 36.1719, 23.2976



28.2009, 36.1719, 44.8637

Complementary

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



39.4961, 36.1719, 54.7694



40.3264, 48.1071, 37.2988

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.



28.1727, 36.1719, 34.6865



39.4961, 36.1719, 54.7694



32.5821, 36.1719, 23.3625

Square

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



39.4961, 36.1719, 54.7694



39.3998, 36.1719, 26.9945



29.7265, 36.1719, 27.1905



29.8063, 36.1719, 55.0834

Rectangle

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



39.4961, 36.1719, 54.7694



41.6492, 36.1719, 37.5302



29.7265, 36.1719, 27.1905



28.0106, 36.1719, 41.3000

Sweetspot

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



39.4972, 36.1734, 54.7702



84.5431, 85.6536, 102.4372



36.4073, 38.0889, 55.3028



17.9983, 18.1572, 21.9414



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



39.4972, 36.1734, 54.7702



68.2402, 60.4976, 98.4408



42.0094, 37.5419, 51.5710



10.1605, 10.0739, 12.6938



12.4776, 5.6929, 33.9978



0.6097, 0.2824, 1.4722

Inverse Universe

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



40.0135, 36.7436, 41.0611



69.4079, 61.7485, 69.1785



38.2327, 46.9705, 39.7853



10.2086, 10.1320, 11.1890



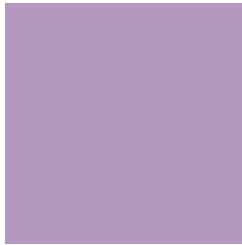
15.2828, 7.8029, 4.1355



0.6927, 0.3501, 0.3492

Previews

White Background



This preview shows how the XYZ color 39.4961, 36.1719, 54.7694 looks on a white background.

Color Contrast Check

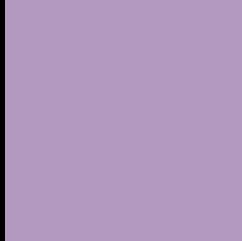
Large Text (above 18pt) WCAG AA × Fail

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 39.4961, 36.1719, 54.7694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

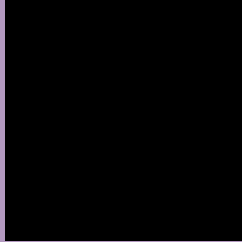
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.4961, 36.1719, 54.7694

Background



This preview shows how black text looks on a background with the XYZ color 39.4961, 36.1719, 54.7694.



This preview shows how white text looks on a background with the XYZ color 39.4961, 36.1719,

54.7694.

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

39.4961, 36.1719, 54.7694

Protanopia

36.1493, 36.3910, 57.9422

Deuteranopia

36.9407, 36.1078, 54.3127



Tritanopia

37.1229, 36.2086, 42.5685

Trichromacy



Original Color

39.4961, 36.1719, 54.7694

Protanomaly

37.1814, 36.1804, 56.6536

Deuteranomaly

37.6546, 35.9735, 54.2492

Tritanomaly

37.9557, 36.2984, 46.6008

Monochromacy



Original Color

39.4961, 36.1719, 54.7694

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

37.0603, 37.1309, 45.7711

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4961, 36.1719, 54.7694 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, 153, 192)` looks like.

```
.text, #text, p{  
    color:rgb(179, 153, 192)  
}
```

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, 153, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 153, 192) }
```

Border

The CSS property to change the border of an element to XYZ 39.4961, 36.1719, 54.7694 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, 153, 192) }
```


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

```
.border{ border-color:rgb(179, 153, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 153, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 153, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 153, 192);  
box-shadow:4px 4px 4px 4px rgb(179, 153,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4961, 36.1719, 54.7694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 153, 192) }
```

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

```
.background{ background-color: rgb(179,  
153, 192) }
```

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