

Converting Colors

XYZ(51.5182, 40.1438, 98.0432)

Have a look what the booklet for
XYZ(51.5182, 40.1438, 98.0432)
contains.

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Color

**XYZ(51.6082, 40.2774,
97.9828)**

Conversions

Conversions Part 1

Format	Color
Hex	C694FD
RGB	198, 148, 253
RGB Percent	78%, 58%, 99%
CMY	0.2235, 0.4196, 0.0078
CMYK	0.22, 0.42, 0.00, 0.01
HSL	269°, 96%, 79%
HSV	269°, 42%, 99%
XYZ	51.6082, 40.2774, 97.9828
YIQ	174.9200, -3.9050, 43.2550

Conversions

Conversions Part 2

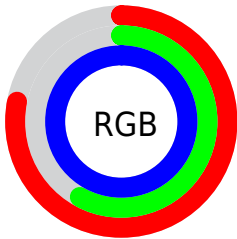
Format	Color
RYB	198, 148, 253
Decimal	13014269
CIELab	69.67, 38.66, -45.39
CIELCh	70, 59.619, 310.420
Yxy	40.2774, 0.2718, 0.2121
Android (android.graphics.Color)	4291204349 (0xFFC694FD)
YUV	174.9200, 38.4934, 20.2412
Hunter-Lab	63.4645, 34.0902, -47.1127

Details

The XYZ color **51.6082, 40.2774, 97.9828** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **65.1002, 85.0861, 41.0106**, and the grayscale version is **40.5162, 42.6262, 46.4199**.

A 20% lighter version of the original color is **80.6459, 71.1919, 104.0986**, and **25.3020, 18.1020, 54.3850** is the 20% darker color. If you saturate the color by 10%, you get **44.7234, 31.4677, 96.6459**, and if you desaturate by 10%, it is **59.6688, 50.9823, 99.6249**.

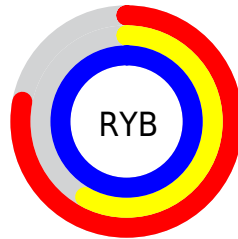
Distribution



Red (78%)

Green (58%)

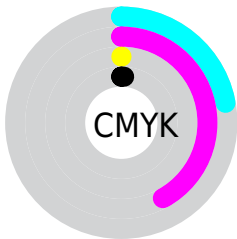
Blue (99%)



Red (78%)

Yellow (58%)

Blue (99%)

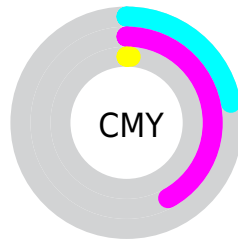


Cyan (22%)

Magenta (42%)

Yellow (0%)

Black (1%)



Cyan (22%)


Magenta (42%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.6082, 40.2774, 97.9828 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 51.6082, 40.2774, 97.9828 by changing the saturation by 10% instead.


 51.6082, 40.2774,
97.9828

 51.6082, 40.2774,
97.9828


383.2710,
347.2914, 574.8971

 36.9159, 27.7549,
74.0095


 91.7308, 75.5857,
160.4099

 25.3157, 18.1410,
54.3050


 117.8918, 99.1404,
199.7008

 16.4424, 11.0512,
38.4507


148.6064,
127.1412, 244.9347

 9.9306, 6.1013,
26.0281

184.2400,
159.9725, 296.5300

 5.4149, 2.9068,
16.6187

225.1579,
198.0188, 354.9054

 2.5299, 1.0833,
9.8040

271.7255,

 0.9104, 0.0000,

241.6645, 420.4794

5.1653

324.3080,
291.2939, 493.6704

■ 0.0000, 0.0000,
2.2841

■ 0.0000, 0.0000,
0.7223

■ 51.6082, 40.2774,
97.9828

■ 51.6082, 40.2774,
97.9828

■ 44.7234, 31.4677,
96.6459

■ 59.6688, 50.9823,
99.6249

■ 38.9451, 24.4300,
95.5920

■ 68.9601, 63.6852,
101.5871

■ 34.2028, 19.0341,
94.8005

■ 79.5389, 78.4872,
103.8866

■ 30.4143, 15.1284,
94.2463

■ 91.4565, 95.4809,
106.5386

■ 27.4825, 12.5316,
93.8996

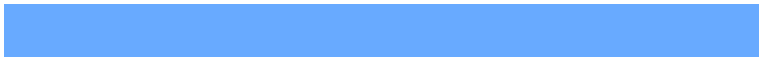
94.7298, 99.8719,
107.2136

■ 25.5419, 11.1192,
93.7292

Harmonies

Analogous

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



41.7351, 40.2774, 119.5647



51.6082, 40.2774, 97.9828



58.5459, 40.2774, 64.1684

Triad

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



51.6082, 40.2774, 97.9828



44.8390, 40.2774, 10.4364



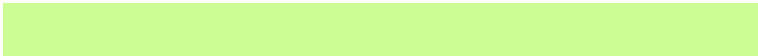
22.7878, 40.2774, 54.1784

Complementary

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



51.6082, 40.2774, 97.9828



65.1002, 85.0861, 41.0106

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.



23.3345, 40.2774, 28.3570



51.6082, 40.2774, 97.9828



35.0257, 40.2774, 9.6159

Square

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



51.6082, 40.2774, 97.9828



54.2060, 40.2774, 17.6476



27.4741, 40.2774, 14.5765



25.8295, 40.2774, 88.0867

Rectangle

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



51.6082, 40.2774, 97.9828



59.9801, 40.2774, 43.4671



27.4741, 40.2774, 14.5765



22.5725, 40.2774, 44.2457

Sweetspot

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



51.6097, 40.2790, 97.9837



80.4003, 79.0923, 105.6365



51.5366, 56.5749, 101.1330



16.8933, 16.4839, 22.5413



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.



51.6097, 40.2790, 97.9837



46.4961, 33.2469, 98.5744



67.5660, 48.5048, 98.7305



17.8259, 17.8020, 22.7465



13.7530, 6.0004, 49.8679



1.4642, 0.6488, 4.8613

Inverse Universe

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



61.8785, 46.3757, 62.1911



58.6638, 40.4761, 55.9278



53.3273, 79.0169, 40.4597



18.4069, 18.1461, 20.7596



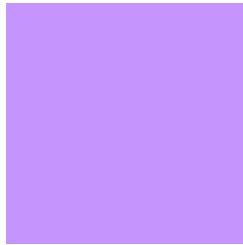
23.8577, 12.0324, 13.1668



2.3782, 1.1936, 1.5729

Previews

White Background



This preview shows how the XYZ color 51.6082, 40.2774, 97.9828 looks on a white background.

Color Contrast Check

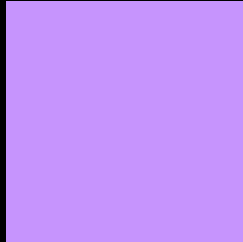
Large Text (above 18pt) WCAG AA × Fail

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 51.6082, 40.2774, 97.9828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

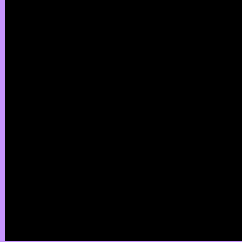
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.6082, 40.2774, 97.9828

Background



This preview shows how black text looks on a background with the XYZ color 51.6082, 40.2774, 97.9828.



This preview shows how white text looks on a background with the XYZ color 51.6082, 40.2774,

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

51.6082, 40.2774, 97.9828

Protanopia

42.8678, 40.8007, 100.2237

Deuteranopia

41.7681, 40.6188, 95.2613



Tritanopia

41.2189, 40.0395, 47.1509

Trichromacy



Original Color

51.6082, 40.2774, 97.9828



Protanomaly

45.3322, 40.2226, 99.1404



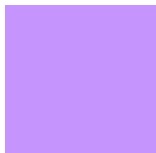
Deuteranomaly

44.4974, 39.8654, 95.7920

Tritanomaly

44.4815, 39.8086, 63.0970

Monochromacy



Original Color

51.6082, 40.2774, 97.9828



Achromatopsia

40.7470, 42.8690, 46.6844



Achromatomaly

43.7631, 41.2893, 62.1630

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.6082, 40.2774, 97.9828 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(198, 148, 253)` looks like.

```
.text, #text, p{  
    color:rgb(198, 148, 253)  
}
```

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(198, 148, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 148, 253) }
```

Border

The CSS property to change the border of an element to XYZ 51.6082, 40.2774, 97.9828 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(198, 148, 253) }
```


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

```
.border{ border-color:rgb(198, 148, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 148, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 148, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 148, 253);  
box-shadow:4px 4px 4px 4px rgb(198, 148,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 51.6082, 40.2774, 97.9828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 148, 253) }
```

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

```
.background{ background-color: rgb(198,  
148, 253) }
```

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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