

Converting Colors

XYZ(40.3926, 31.0778, 58.5133)

Have a look what the booklet for
XYZ(40.3926, 31.0778, 58.5133)
contains.

XYZ(40.3926, 31.0778, 58.5133)	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(40.3926, 31.0778,
58.5133)**

Conversions

Conversions Part 1

Format	Color
Hex	C280C8
RGB	194, 128, 200
RGB Percent	76%, 50%, 78%
CMY	0.2392, 0.4980, 0.2157
CMYK	0.03, 0.36, 0.00, 0.22
HSL	295°, 40%, 64%
HSV	295°, 36%, 78%
XYZ	40.3926, 31.0778, 58.5133
YIQ	155.9420, 16.2240, 36.3840

Conversions

Conversions Part 2

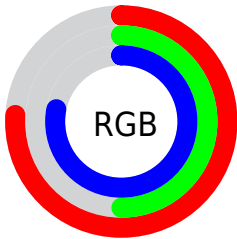
Format	Color
RYB	194, 128, 200
Decimal	12746952
CIELab	62.57, 37.24, -27.13
CIELCh	63, 46.074, 323.923
Yxy	31.0778, 0.3108, 0.2391
Android (android.graphics.Color)	4290937032 (0xFFC280C8)
YUV	155.9420, 21.7206, 33.3769
Hunter-Lab	55.7475, 31.7766, -23.2084

Details

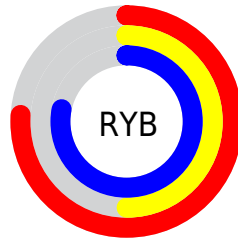
The XYZ color **40.3926, 31.0778, 58.5133** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **34.3832, 47.9362, 27.8640**, and the grayscale version is **31.4761, 33.1153, 36.0626**.

A 20% lighter version of the original color is **74.5616, 61.1851, 102.4878**, and **18.4896, 12.8720, 28.7042** is the 20% darker color. If you saturate the color by 10%, you get **37.6115, 26.1464, 57.7085**, and if you desaturate by 10%, it is **43.6947, 37.0426, 59.4911**.

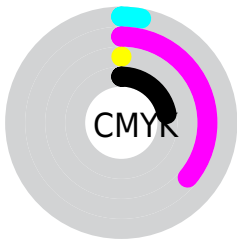
Distribution



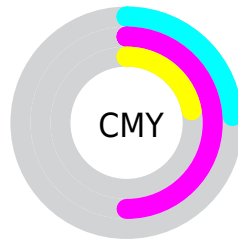
- Red (76%)
- Green (50%)
- Blue (78%)



- Red (76%)
- Yellow (50%)
- Blue (78%)



- Cyan (3%)
- Magenta (36%)
- Yellow (0%)
- Black (22%)





- Cyan (24%)
- Magenta (50%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.3926, 31.0778, 58.5133 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 40.3926, 31.0778, 58.5133 by changing the saturation by 10% instead.


 40.3926, 31.0778,
58.5133


 40.3926, 31.0778,
58.5133

338.8817,
306.8966, 436.7474


 28.0304, 20.6581,
41.8040

 75.0415, 61.3625,
104.1921

 18.4891, 12.8743,
28.6234


 98.0589, 81.9964,
133.9987

 11.4035, 7.3421,
18.5530


 125.3587,
106.8037, 169.0082

 6.4082, 3.6769,
11.1742

157.3063,
136.1689, 209.6391

 3.1379, 1.4945,
6.0685

194.2671,
170.4764, 256.3099

 1.2271, 0.2849,
2.8173

236.6063,

 0.1276, 0.0000,

210.1106, 309.4392

1.0021

284.6894,
255.4559, 369.4456

■ 0.0000, 0.0000,
0.0000

■ 40.3926, 31.0778,
58.5133

■ 40.3926, 31.0778,
58.5133

■ 37.6115, 26.1464,
57.7085

■ 43.6947, 37.0426,
59.4911

■ 35.3179, 22.1837,
57.0645

■ 47.5425, 44.0926,
60.6490

■ 33.4794, 19.1239,
56.5708

■ 51.9631, 52.2809,
61.9965

■ 32.0581, 16.8915,
56.2148

■ 56.9806, 61.6557,
63.5416

■ 31.0099, 15.3984,
55.9819

■ 62.6178, 72.2629,
65.2919

■ 30.2798, 14.5345,
55.8536

■ 68.8964, 84.1455,
67.2545

■ 30.0335, 14.2785,
55.8172

■ 71.5468, 88.7645,
68.0064

■ 72.0110, 89.0038,
68.0281

■ 72.4802, 89.2456,
68.0501

Harmonies

Analogous

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



34.7017, 31.0778, 76.2262



40.3926, 31.0778, 58.5133



43.2209, 31.0778, 37.6266

Triad

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



40.3926, 31.0778, 58.5133



30.8332, 31.0778, 9.8086



19.8323, 31.0778, 49.8587

Complementary

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



40.3926, 31.0778, 58.5133



34.3832, 47.9362, 27.8640

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.



19.0994, 31.0778, 30.3135



40.3926, 31.0778, 58.5133



24.9147, 31.0778, 11.0735

Square

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



40.3926, 31.0778, 58.5133



37.2215, 31.0778, 12.9014



20.8271, 31.0778, 17.3073



22.9930, 31.0778, 70.1164

Rectangle

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



40.3926, 31.0778, 58.5133



42.8528, 31.0778, 26.1922



20.8271, 31.0778, 17.3073



19.3144, 31.0778, 42.8444

Sweetspot

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



40.3936, 31.0792, 58.5140



85.8907, 82.9502, 106.0918



27.8538, 25.8110, 58.1580



18.1614, 17.3426, 22.6402



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.



40.3936, 31.0792, 58.5140



66.1869, 47.1460, 100.2194



38.7953, 30.6213, 41.8971



10.9926, 10.7699, 13.4169



19.1331, 9.0977, 35.4920



0.9323, 0.4444, 1.6818

Inverse Universe

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



35.8427, 29.4403, 26.3491



57.2924, 43.9673, 36.2519



35.7290, 48.3672, 39.8017



10.6691, 10.6510, 11.2410



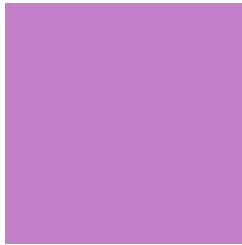
15.2218, 7.8383, 1.1120



0.7334, 0.3762, 0.1194

Previews

White Background



This preview shows how the XYZ color 40.3926, 31.0778, 58.5133 looks on a white background.

Color Contrast Check

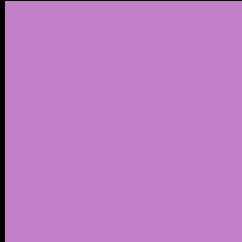
Large Text (above 18pt) WCAG AA × Fail

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 40.3926, 31.0778, 58.5133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

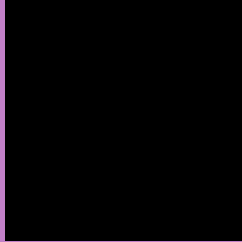
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.3926, 31.0778, 58.5133

Background



This preview shows how black text looks on a background with the XYZ color 40.3926, 31.0778, 58.5133.



This preview shows how white text looks on a background with the XYZ color 40.3926, 31.0778,

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

40.3926, 31.0778, 58.5133

Protanopia

32.3480, 31.1986, 69.2828

Deuteranopia

32.0389, 31.3201, 56.5813



Tritanopia

35.0068, 30.9117, 32.5553

Trichromacy



Original Color

40.3926, 31.0778, 58.5133

Protanomaly

34.2946, 30.4752, 65.0475

Deuteranomaly

34.5032, 30.7624, 56.9425

Tritanomaly

36.8282, 30.8245, 41.0545

Monochromacy



Original Color

40.3926, 31.0778, 58.5133

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

34.3028, 32.0824, 43.4143

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.3926, 31.0778, 58.5133 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(194, 128, 200)` looks like.

```
.text, #text, p{  
    color:rgb(194, 128, 200)  
}
```

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(194, 128, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 128, 200) }
```

Border

The CSS property to change the border of an element to XYZ 40.3926, 31.0778, 58.5133 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(194, 128, 200) }
```


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

```
.border{ border-color:rgb(194, 128, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 128, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 128, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 128, 200);  
box-shadow:4px 4px 4px 4px rgb(194, 128,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 40.3926, 31.0778, 58.5133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 128, 200) }
```

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

```
.background{ background-color: rgb(194,  
128, 200) }
```

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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