

Converting Colors

XYZ(30.6078, 28.9492, 40.0511)

Have a look what the booklet for
XYZ(30.6078, 28.9492, 40.0511)
contains.

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Color

**XYZ(30.5591, 28.8803,
40.0402)**

Conversions

Conversions Part 1

Format	Color
Hex	9F8CA6
RGB	159, 140, 166
RGB Percent	62%, 55%, 65%
CMY	0.3765, 0.4510, 0.3490
CMYK	0.04, 0.16, 0.00, 0.35
HSL	284°, 13%, 60%
HSV	284°, 16%, 65%
XYZ	30.5591, 28.8803, 40.0402
YIQ	148.6450, 2.9780, 12.1140

Conversions

Conversions Part 2

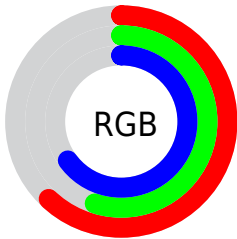
Format	Color
R_{YB}	159, 140, 166
Decimal	10456230
CIE _{Lab}	60.68, 12.03, -11.09
CIE _{LCh}	61, 16.364, 317.345
Yxy	28.8803, 0.3072, 0.2903
Android (android.graphics.Color)	4288646310 (0xFF9F8CA6)
YUV	148.6450, 8.5560, 9.0813
Hunter-Lab	53.7404, 7.4571, -6.5568

Details

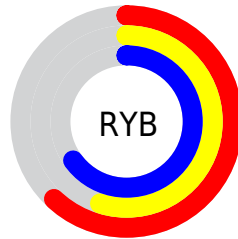
The XYZ color **30.5591, 28.8803, 40.0402** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **30.4035, 35.3697, 30.0370**, and the grayscale version is **28.3831, 29.8613, 32.5189**.

A 20% lighter version of the original color is **60.0745, 58.1002, 76.4548**, and **12.7568, 11.6530, 17.4965** is the 20% darker color. If you saturate the color by 10%, you get **27.4440, 23.9418, 39.2516**, and if you desaturate by 10%, it is **34.0739, 34.5696, 40.9535**.

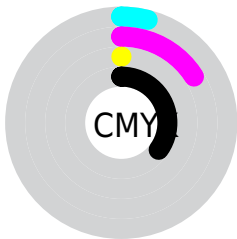
Distribution



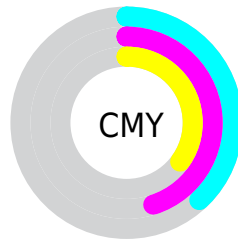
- Red (62%)
- Green (55%)
- Blue (65%)



- Red (62%)
- Yellow (55%)
- Blue (65%)



- Cyan (4%)
- Magenta (16%)
- Yellow (0%)
- Black (35%)



- Cyan (38%)
- Magenta (45%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5591, 28.8803, 40.0402 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 30.5591, 28.8803, 40.0402 by changing the saturation by 10% instead.

■ 30.5591, 28.8803,
40.0402

■ 30.5591, 28.8803,
40.0402

296.3652,
296.6498, 361.8501

■ 20.4135, 18.9903,
27.2559

■ 59.9258, 57.8869,
76.4625

■ 12.8060, 11.6633,
17.5313

■ 79.8777, 77.7722,
100.9375

■ 7.3712, 6.5148,
10.4481

■ 103.8290,
101.7581, 130.1465

■ 3.7437, 3.1606,
5.5876

132.1452,
130.2289, 164.5080

■ 1.5582, 1.2161,
2.5313

165.1915,
163.5691, 204.4406

■ 0.3649, 0.0748,
0.8567

203.3334,

■ 0.0000, 0.0000,

202.1631, 250.3628

0.0000

246.9362,
246.3951, 302.6931

■ 30.5591, 28.8803,
40.0402

■ 30.5591, 28.8803,
40.0402

■ 27.4440, 23.9418,
39.2516

■ 34.0739, 34.5696,
40.9535

■ 24.7094, 19.7176,
38.5804

■ 38.0015, 41.0369,
41.9948

■ 22.3381, 16.1736,
38.0213

■ 42.3574, 48.3124,
43.1696

■ 20.3108, 13.2715,
37.5680

■ 47.1558, 56.4236,
44.4823

■ 18.6061, 10.9689,
37.2134

■ 52.4098, 65.3968,
45.9374

■ 17.2000, 9.2185,
36.9496

■ 58.1324, 75.2571,
47.5390

■ 16.0648, 7.9655,
36.7676

■ 63.9503, 85.2575,
49.1626

■ 15.1646, 7.1386,
36.6554

■ 65.0861, 85.8431,
49.2158

■ 14.8110, 6.8402,
36.6165

■ 66.2566, 86.4464,
49.2706

Harmonies

Analogous

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



28.6835, 28.8803, 43.9609



30.5591, 28.8803, 40.0402



31.6235, 28.8803, 34.0739

Triad

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



30.5591, 28.8803, 40.0402



28.3528, 28.8803, 21.3728



23.7389, 28.8803, 35.0572

Complementary

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



30.5591, 28.8803, 40.0402



30.4035, 35.3697, 30.0370

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.



23.6606, 28.8803, 28.9563



30.5591, 28.8803, 40.0402



26.2521, 28.8803, 21.5645

Square

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



30.5591, 28.8803, 40.0402



30.3063, 28.8803, 23.6157



24.5590, 28.8803, 24.1785



24.7788, 28.8803, 40.8394

Rectangle

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



30.5591, 28.8803, 40.0402



31.6956, 28.8803, 29.9763



24.5590, 28.8803, 24.1785



23.6013, 28.8803, 32.9624

Sweetspot

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



30.5600, 28.8815, 40.0408



62.2247, 63.3681, 74.4270



28.1902, 29.3116, 40.2487



13.8223, 14.0133, 16.6285



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



30.5600, 28.8815, 40.0408



53.2923, 48.9515, 72.1151



31.4821, 29.4153, 37.4453



7.6420, 7.5635, 9.4755



11.5312, 5.3280, 28.3961



0.3254, 0.1527, 0.6930

Inverse Universe

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



30.3714, 28.9711, 31.5964



52.9145, 49.1679, 53.5222



29.6123, 34.9126, 32.2242



7.6110, 7.5743, 8.2687



12.5746, 6.4386, 2.5717



0.3268, 0.1650, 0.1724

Previews

White Background



This preview shows how the XYZ color 30.5591, 28.8803, 40.0402 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 30.5591, 28.8803, 40.0402 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 30.5591, 28.8803, 40.0402

Background



This preview shows how black text looks on a background with the XYZ color 30.5591, 28.8803, 40.0402.



This preview shows how white text looks on a background with the XYZ color 30.5591, 28.8803,

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

30.5591, 28.8803, 40.0402

Protanopia

28.4422, 28.8662, 41.6088

Deuteranopia

29.5629, 29.0369, 39.6439



Tritanopia

29.3274, 28.8140, 34.1529

Trichromacy



Original Color

30.5591, 28.8803, 40.0402

Protanomaly

29.1031, 28.7680, 41.0647

Deuteranomaly

29.9821, 29.0312, 39.6207

Tritanomaly

29.7970, 28.7875, 36.3338

Monochromacy



Original Color

30.5591, 28.8803, 40.0402

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.3321, 29.6966, 35.1964

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5591, 28.8803, 40.0402 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(159, 140, 166)` looks like.

```
.text, #text, p{  
    color:rgb(159, 140, 166)  
}
```

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(159, 140, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 140, 166) }
```

Border

The CSS property to change the border of an element to XYZ 30.5591, 28.8803, 40.0402 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(159, 140, 166) }
```


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

```
.border{ border-color:rgb(159, 140, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 140, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 140, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 140, 166);  
box-shadow:4px 4px 4px 4px rgb(159, 140,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5591, 28.8803, 40.0402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 140, 166) }
```

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

```
.background{ background-color: rgb(159,  
140, 166) }
```

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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