

Converting Colors

XYZ(31.1159, 25.5981, 38.4229)

Have a look what the booklet for
XYZ(31.1159, 25.5981, 38.4229)
contains.

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Color

**XYZ(31.1159, 25.5981,
38.4229)**

Conversions

Conversions Part 1

Format	Color
Hex	AE7AA4
RGB	174, 122, 164
RGB Percent	68%, 48%, 64%
CMY	0.3176, 0.5216, 0.3569
CMYK	0.00, 0.30, 0.06, 0.32
HSL	312°, 24%, 58%
HSV	312°, 30%, 68%
XYZ	31.1159, 25.5981, 38.4229
YIQ	142.3360, 17.5100, 24.0860

Conversions

Conversions Part 2

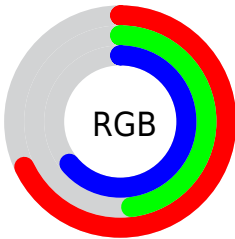
Format	Color
RYB	174, 122, 164
Decimal	11434660
CIELab	57.65, 27.13, -14.34
CIElCh	58, 30.688, 332.136
Yxy	25.5981, 0.3271, 0.2691
Android (android.graphics.Color)	4289624740 (0xFFAE7AA4)
YUV	142.3360, 10.6804, 27.7693
Hunter-Lab	50.5946, 21.2379, -9.6103

Details

The XYZ color **31.1159, 25.5981, 38.4229** is a light color, and the websafe version is hex **996699**. A complement of this color would be **27.3280, 36.0763, 27.3544**, and the grayscale version is **25.7990, 27.1426, 29.5583**.

A 20% lighter version of the original color is **60.7493, 52.5974, 73.9683**, and **13.1272, 9.8695, 16.5424** is the 20% darker color. If you saturate the color by 10%, you get **28.8696, 21.5825, 36.2029**, and if you desaturate by 10%, it is **33.7542, 30.3842, 40.8134**.

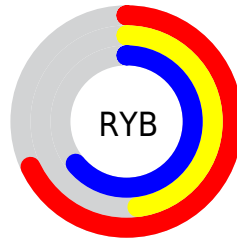
Distribution



Red (68%)

Green (48%)

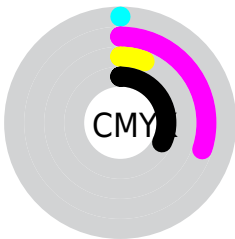
Blue (64%)



Red (68%)

Yellow (48%)

Blue (64%)

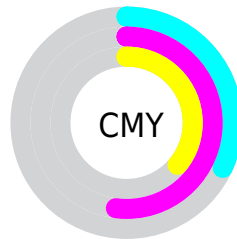


Cyan (0%)

Magenta (30%)

Yellow (6%)

Black (32%)



Cyan (32%)

Magenta (52%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.1159, 25.5981, 38.4229 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 31.1159, 25.5981, 38.4229 by changing the saturation by 10% instead.

■ 31.1159, 25.5981,
38.4229

■ 31.1159, 25.5981,
38.4229

298.8893,
280.8036, 354.7831

■ 20.8394, 16.5232,
26.0067

■ 60.7971, 52.6259,
73.9665

■ 13.1184, 9.8951,
16.6028

■ 80.9325, 71.3475,
97.9309

■ 7.5877, 5.3295,
9.7928

■ 105.0849, 94.0536,
126.5819

■ 3.8819, 2.4419,
5.1580

133.6196,
121.1285, 160.3379

■ 1.6355, 0.8473,
2.2799

166.9021,
152.9565, 199.6175

■ 0.4154, 0.0000,
0.7199

205.2976,

■ 0.0000, 0.0000,

189.9221, 244.8391

0.0000

249.1715,
232.4096, 296.4215

■ 31.1159, 25.5981,
38.4229

■ 31.1159, 25.5981,
38.4229

■ 28.8696, 21.5825,
36.2029

■ 33.7542, 30.3842,
40.8134

■ 26.9926, 18.2931,
34.1446

■ 36.8011, 35.9752,
43.3794

■ 25.4632, 15.6864,
32.2408

■ 40.2752, 42.4075,
46.1275

■ 24.2565, 13.7128,
30.4830

■ 44.1930, 49.7144,
49.0637

■ 23.3444, 12.3161,
28.8614

■ 48.5704, 57.9272,
52.1935

■ 22.6938, 11.4299,
27.3646

■ 53.4223, 67.0758,
55.5221

■ 22.2342, 10.9137,
25.9689

■ 58.7629, 77.1888,
59.0546

■ 22.2290, 10.9081,
25.9529

■ 62.5946, 84.2703,
62.1253

■ 62.9666, 84.4191,
64.0843

Harmonies

Analogous

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



28.2795, 25.5981, 48.7229



31.1159, 25.5981, 38.4229



32.0838, 25.5981, 27.1257

Triad

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



31.1159, 25.5981, 38.4229



24.0682, 25.5981, 12.1633



18.8314, 25.5981, 40.0611

Complementary

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



31.1159, 25.5981, 38.4229



27.3280, 36.0763, 27.3544

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.



17.9388, 25.5981, 28.6318



31.1159, 25.5981, 38.4229



20.7669, 25.5981, 14.0239

Square

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



31.1159, 25.5981, 38.4229



27.7791, 25.5981, 13.5529



18.6106, 25.5981, 19.4544



21.1794, 25.5981, 49.8238

Rectangle

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



31.1159, 25.5981, 38.4229



31.4683, 25.5981, 20.9304



18.6106, 25.5981, 19.4544



18.3625, 25.5981, 36.2001

Sweetspot

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



31.1167, 25.5992, 38.4234



67.1828, 66.0472, 79.0349



24.0436, 21.8444, 42.9939



14.7439, 14.3328, 17.4129



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



31.1167, 25.5992, 38.4234



53.6137, 41.3645, 66.9424



29.0373, 24.7675, 27.4737



8.2700, 8.1213, 9.7328



16.1436, 7.9200, 18.9332



0.4658, 0.2270, 0.6148

Inverse Universe

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



31.1167, 25.5992, 38.4234



53.6137, 41.3645, 66.9424



29.2944, 36.8629, 37.7096



8.2700, 8.1213, 9.7328



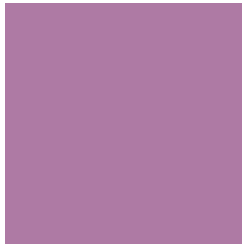
16.1436, 7.9200, 18.9332



0.4658, 0.2270, 0.6148

Previews

White Background



This preview shows how the XYZ color 31.1159, 25.5981, 38.4229 looks on a white background.

Color Contrast Check

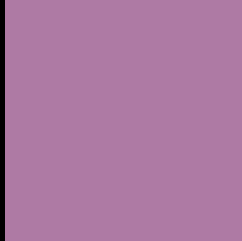
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.1159, 25.5981, 38.4229 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 31.1159, 25.5981, 38.4229

Background



This preview shows how black text looks on a background with the XYZ color 31.1159, 25.5981, 38.4229.



This preview shows how white text looks on a background with the XYZ color 31.1159, 25.5981,

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

31.1159, 25.5981, 38.4229

Protanopia

25.8894, 25.7323, 44.1597

Deuteranopia

26.1701, 25.5993, 37.7443



Tritanopia

28.8993, 25.6428, 27.0933

Trichromacy



Original Color

31.1159, 25.5981, 38.4229

Protanomaly

27.4560, 25.5538, 42.0134

Deuteranomaly

27.7304, 25.3819, 38.0880

Tritanomaly

29.6133, 25.5445, 30.9735

Monochromacy



Original Color

31.1159, 25.5981, 38.4229

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

27.4954, 26.4000, 32.5007

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.1159, 25.5981, 38.4229 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(174, 122, 164)` looks like.

```
.text, #text, p{  
    color:rgb(174, 122, 164)  
}
```

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(174, 122, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 122, 164) }
```

Border

The CSS property to change the border of an element to XYZ 31.1159, 25.5981, 38.4229 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(174, 122, 164) }
```


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

```
.border{ border-color:rgb(174, 122, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 122, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 122, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 122, 164);  
box-shadow:4px 4px 4px 4px rgb(174, 122,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 31.1159, 25.5981, 38.4229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 122, 164) }
```

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

```
.background{ background-color: rgb(174,  
122, 164) }
```

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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