

Converting Colors

XYZ(36.5345, 31.5869, 60.2080)

Have a look what the booklet for
XYZ(36.5345, 31.5869, 60.2080)
contains.

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Color

**XYZ(36.4009, 31.4555,
60.0301)**

Conversions

Conversions Part 1

Format	Color
Hex	A98CCA
RGB	169, 140, 202
RGB Percent	66%, 55%, 79%
CMY	0.3372, 0.4510, 0.2078
CMYK	0.16, 0.31, 0.00, 0.21
HSL	268°, 37%, 67%
HSV	268°, 31%, 79%
XYZ	36.4009, 31.4555, 60.0301
YIQ	155.7390, -2.6180, 25.4300

Conversions

Conversions Part 2

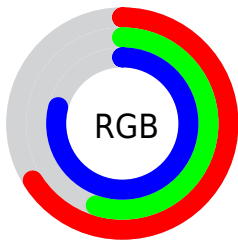
Format	Color
R _Y B	169, 140, 202
Decimal	11111626
CIE _{Lab}	62.89, 23.06, -27.98
CIE _{LCh}	63, 36.255, 309.492
Yxy	31.4555, 0.2846, 0.2460
Android (android.graphics.Color)	4289301706 (0xFFA98CCA)
YUV	155.7390, 22.8067, 11.6299
Hunter-Lab	56.0852, 17.7025, -24.2007

Details

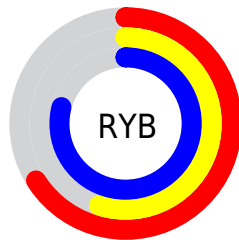
The XYZ color **36.4009, 31.4555, 60.0301** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **43.0889, 53.0196, 32.7752**, and the grayscale version is **31.3871, 33.0217, 35.9606**.

A 20% lighter version of the original color is **68.3931, 61.8111, 102.9338**, and **16.2039, 13.1635, 29.7037** is the 20% darker color. If you saturate the color by 10%, you get **31.5034, 24.9445, 59.0320**, and if you desaturate by 10%, it is **42.0320, 39.1504, 61.2191**.

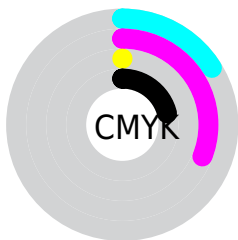
Distribution



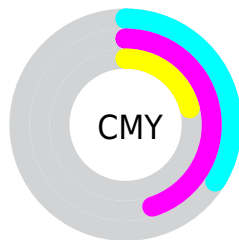
- Red (66%)
- Green (55%)
- Blue (79%)



- Red (66%)
- Yellow (55%)
- Blue (79%)



- Cyan (16%)
- Magenta (31%)
- Yellow (0%)
- Black (21%)



- Cyan (34%)
- Magenta (45%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.4009, 31.4555, 60.0301 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 36.4009, 31.4555, 60.0301 by changing the saturation by 10% instead.

36.4009, 31.4555,
60.0301

36.4009, 31.4555,
60.0301

322.1102,
308.6313, 442.5164

24.9155, 20.9459,
43.0174

68.9702, 61.9565,
106.4171

16.1425, 13.0845,
29.5673

90.7849, 82.7167,
136.6286

9.7165, 7.4868,
19.2611

116.7734,
107.6627, 172.0767

5.2722, 3.7683,
11.6804

147.3010,
137.1787, 213.1801

2.4443, 1.5448,
6.4066

182.7331,
171.6491, 260.3572

0.8672, 0.3200,
3.0211

223.4351,

0.0000, 0.0000,

211.4585, 314.0266

1.1054

269.7724,
256.9911, 374.6068

■ 0.0000, 0.0000,
0.0000

■ 36.4009, 31.4555,
60.0301

■ 36.4009, 31.4555,
60.0301

■ 31.5034, 24.9445,
59.0320

■ 42.0320, 39.1504,
61.2191

■ 27.3021, 19.5520,
58.2126

■ 48.4254, 48.0825,
62.6062

■ 23.7609, 15.2116,
57.5614

■ 55.6119, 58.3065,
64.2008

■ 20.8385, 11.8484,
57.0663

■ 63.6196, 69.8723,
66.0112

■ 18.4885, 9.3768,
56.7131

■ 72.4752, 82.8275,
68.0451

■ 16.6563, 7.6959,
56.4852

■ 80.1928, 93.1944,
69.6393

■ 15.3264, 6.6695,
56.3572

■ 83.8211, 95.0649,
69.8091

■ 87.6608, 97.0443,
69.9888

Harmonies

Analogous

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



31.5024, 31.4555, 68.9855



36.4009, 31.4555, 60.0301



39.7785, 31.4555, 44.7682

Triad

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



36.4009, 31.4555, 60.0301



33.3744, 31.4555, 14.4692



21.4227, 31.4555, 38.9677

Complementary

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



36.4009, 31.4555, 60.0301



43.0889, 53.0196, 32.7752

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.



21.8054, 31.4555, 25.5231



36.4009, 31.4555, 60.0301



28.3480, 31.4555, 13.7166

Square

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



36.4009, 31.4555, 60.0301



37.9011, 31.4555, 19.6179



24.2189, 31.4555, 17.1640



23.1083, 31.4555, 54.7866

Rectangle

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



36.4009, 31.4555, 60.0301



40.5157, 31.4555, 34.4930



24.2189, 31.4555, 17.1640



21.3183, 31.4555, 34.0076

Sweetspot

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



36.4019, 31.4568, 60.0308



83.8085, 83.9777, 106.3999



36.4334, 39.7537, 61.6306



17.5723, 17.4575, 22.6934



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.



36.4019, 31.4568, 60.0308



55.8500, 45.5355, 100.4533



43.8413, 35.2919, 60.3790



11.0923, 11.0969, 14.1277



9.9632, 4.3438, 36.2696



0.6013, 0.2691, 1.8752

Inverse Universe

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



41.2791, 34.3312, 43.9877



65.6653, 51.3242, 67.9881



37.0220, 49.8920, 32.4913



11.4577, 11.3118, 12.9449



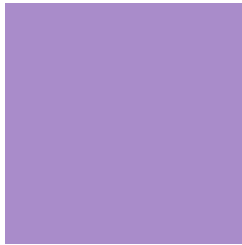
17.4443, 8.7883, 10.0581



0.9381, 0.4686, 0.7197

Previews

White Background



This preview shows how the XYZ color 36.4009, 31.4555, 60.0301 looks on a white background.

Color Contrast Check

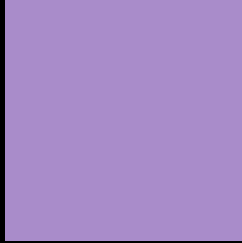
Large Text (above 18pt) WCAG AA × Fail

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 36.4009, 31.4555, 60.0301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

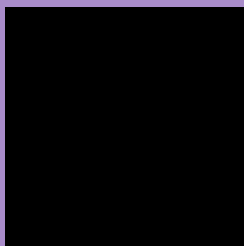
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.4009, 31.4555, 60.0301

Background



This preview shows how black text looks on a background with the XYZ color 36.4009, 31.4555, 60.0301.



This preview shows how white text looks on a background with the XYZ color 36.4009, 31.4555,

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

36.4009, 31.4555, 60.0301

Protanopia

32.5309, 31.6167, 65.3608

Deuteranopia

32.3162, 31.6455, 59.0485



Tritanopia

31.8354, 31.3993, 37.6405

Trichromacy



Original Color

36.4009, 31.4555, 60.0301

Protanomaly

33.5740, 31.2658, 63.2968

Deuteranomaly

33.5840, 31.3541, 59.5402

Tritanomaly

33.3803, 31.3453, 44.8484

Monochromacy



Original Color

36.4009, 31.4555, 60.0301

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

33.1471, 32.4069, 44.0433

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.4009, 31.4555, 60.0301 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(169, 140, 202)` looks like.

```
.text, #text, p{  
    color:rgb(169, 140, 202)  
}
```

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(169, 140, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 140, 202) }
```

Border

The CSS property to change the border of an element to XYZ 36.4009, 31.4555, 60.0301 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(169, 140, 202) }
```


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

```
.border{ border-color:rgb(169, 140, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 140, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 140, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 140, 202);  
box-shadow:4px 4px 4px 4px rgb(169, 140,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 36.4009, 31.4555, 60.0301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 140, 202) }
```

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

```
.background{ background-color: rgb(169,  
140, 202) }
```

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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