

Converting Colors

XYZ(39.2295, 36.1461, 60.7864)

Have a look what the booklet for
XYZ(39.2295, 36.1461, 60.7864)
contains.

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Color

**XYZ(39.2295, 36.1461,
60.7864)**

Conversions

Conversions Part 1

Format	Color
Hex	AC9ACA
RGB	172, 154, 202
RGB Percent	67%, 60%, 79%
CMY	0.3255, 0.3961, 0.2078
CMYK	0.15, 0.24, 0.00, 0.21
HSL	262°, 31%, 70%
HSV	262°, 24%, 79%
XYZ	39.2295, 36.1461, 60.7864
YIQ	164.8540, -4.6800, 18.7440

Conversions

Conversions Part 2

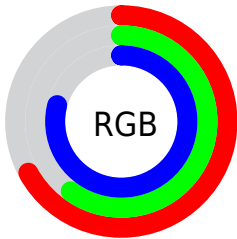
Format	Color
R _Y B	172, 154, 202
Decimal	11311818
CIE Lab	66.63, 16.10, -22.21
CIE LCh	67, 27.437, 305.939
Yxy	36.1461, 0.2881, 0.2655
Android (android.graphics.Color)	4289501898 (0xFFAC9ACA)
YUV	164.8540, 18.3130, 6.2670
Hunter-Lab	60.1216, 11.2588, -17.8604

Details

The XYZ color **39.2295, 36.1461, 60.7864** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **46.7216, 54.7654, 38.6818**, and the grayscale version is **35.6118, 37.4664, 40.8009**.

A 20% lighter version of the original color is **72.6008, 68.8257, 104.0660**, and **17.8033, 15.7606, 30.1207** is the 20% darker color. If you saturate the color by 10%, you get **33.5316, 28.6697, 59.6442**, and if you desaturate by 10%, it is **45.7540, 44.8832, 62.1295**.

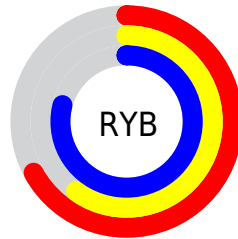
Distribution



Red (67%)

Green (60%)

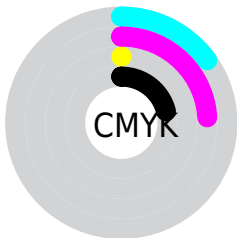
Blue (79%)



Red (67%)

Yellow (60%)

Blue (79%)

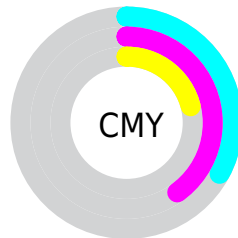


Cyan (15%)

Magenta (24%)

Yellow (0%)

Black (21%)



Cyan (33%)

Magenta (40%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.2295, 36.1461, 60.7864 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 39.2295, 36.1461, 60.7864 by changing the saturation by 10% instead.

■ 39.2295, 36.1461,
60.7864

■ 39.2295, 36.1461,
60.7864

334.0556,
329.5987, 445.3752

■ 27.1198, 24.5471,
43.6234

■ 73.2806, 69.2575,
107.5241

■ 17.8003, 15.7399,
30.0395

■ 95.9528, 91.5387,
137.9359

■ 10.9055, 9.3403,
19.6163

122.8765,
118.1493, 173.6010

■ 6.0702, 4.9638,
11.9351

154.4171,
149.4738, 214.9379

■ 2.9289, 2.2260,
6.5775

190.9400,
185.8966, 262.3653

■ 1.1163, 0.7341,
3.1249

232.8104,

■ 0.0387, 0.0000,

227.8021, 316.3016

1.1588

280.3939,
275.5747, 377.1654

■ 0.0000, 0.0000,
0.0000

■ 39.2295, 36.1461,
60.7864

■ 39.2295, 36.1461,
60.7864

■ 33.5316, 28.6697,
59.6442

■ 45.7540, 44.8832,
62.1295

■ 28.6215, 22.3897,
58.6908

■ 53.1348, 54.9324,
63.6802

■ 24.4622, 17.2427,
57.9166

■ 61.4041, 66.3475,
65.4477

■ 21.0121, 13.1573,
57.3099

■ 70.5917, 79.1781,
67.4400

■ 18.2253, 10.0541,
56.8578

■ 80.7243, 93.4684,
69.6643

■ 16.0493, 7.8415,
56.5454

■ 85.0451, 95.6959,
69.8665

■ 14.4223, 6.4096,
56.3547

■ 87.6608, 97.0443,
69.9889

■ 13.6212, 5.7905,
56.2775

Harmonies

Analogous

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



35.1838, 36.1461, 66.5817



39.2295, 36.1461, 60.7864



42.1273, 36.1461, 49.3745

Triad

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



39.2295, 36.1461, 60.7864



37.6955, 36.1461, 22.0315



27.0485, 36.1461, 41.7568

Complementary

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



39.2295, 36.1461, 60.7864



46.7216, 54.7654, 38.6818

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.



27.6041, 36.1461, 30.7952



39.2295, 36.1461, 60.7864



33.5408, 36.1461, 20.7963

Square

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



39.2295, 36.1461, 60.7864



41.1932, 36.1461, 27.4631



29.9034, 36.1461, 23.6685



28.3202, 36.1461, 54.2677

Rectangle

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



39.2295, 36.1461, 60.7864



42.8995, 36.1461, 40.9894



29.9034, 36.1461, 23.6685



27.0292, 36.1461, 37.7685

Sweetspot

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



39.2307, 36.1476, 60.7872



85.6316, 87.0804, 106.9027



41.2120, 45.5829, 62.5040



18.1624, 18.4120, 22.8465



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.



39.2307, 36.1476, 60.7872



60.8163, 53.8113, 101.7890



44.8784, 39.0591, 61.0515



10.9926, 11.0455, 14.1230



8.8563, 3.7731, 36.2178



0.5404, 0.2377, 1.8723

Inverse Universe

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



44.5656, 39.1299, 50.5529



71.6765, 59.8891, 80.6506



41.5318, 52.0899, 38.4389



11.5022, 11.3296, 13.1793



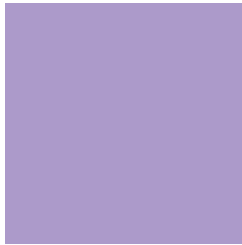
18.1518, 9.0713, 13.7838



0.9725, 0.4824, 0.9009

Previews

White Background



This preview shows how the XYZ color 39.2295, 36.1461, 60.7864 looks on a white background.

Color Contrast Check

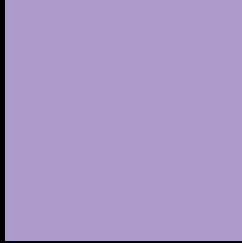
Large Text (above 18pt) WCAG AA × Fail

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 39.2295, 36.1461, 60.7864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

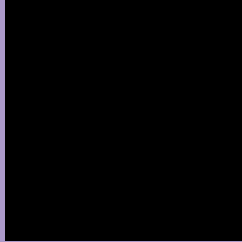
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.2295, 36.1461, 60.7864

Background



This preview shows how black text looks on a background with the XYZ color 39.2295, 36.1461, 60.7864.



This preview shows how white text looks on a background with the XYZ color 39.2295, 36.1461,

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

39.2295, 36.1461, 60.7864

Protanopia

36.4110, 36.1306, 64.0863

Deuteranopia

37.0413, 36.2824, 60.3093



Tritanopia

35.7809, 35.9903, 44.0907

Trichromacy



Original Color

39.2295, 36.1461, 60.7864

Protanomaly

37.3469, 36.1306, 62.7631

Deuteranomaly

37.7038, 36.1175, 60.2425

Tritanomaly

36.9664, 35.9679, 49.7939

Monochromacy



Original Color

39.2295, 36.1461, 60.7864

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.9292, 37.0289, 47.3204

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2295, 36.1461, 60.7864 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(172, 154, 202)` looks like.

```
.text, #text, p{  
    color:rgb(172, 154, 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(172, 154, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 154, 202) }
```

Border

The CSS property to change the border of an element to XYZ 39.2295, 36.1461, 60.7864 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(172, 154, 202) }
```


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

```
.border{ border-color:rgb(172, 154, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 154, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 154, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 154, 202);  
box-shadow:4px 4px 4px 4px rgb(172, 154,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2295, 36.1461, 60.7864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 154, 202) }
```

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

```
.background{ background-color: rgb(172,  
154, 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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