

Converting Colors

XYZ(38.9008, 36.4844, 60.2502)

Have a look what the booklet for
XYZ(38.9008, 36.4844, 60.2502)
contains.

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Color

**XYZ(39.0086, 36.5400,
60.2553)**

Conversions

Conversions Part 1

Format	Color
Hex	AA9CC9
RGB	170, 156, 201
RGB Percent	67%, 61%, 79%
CMY	0.3333, 0.3882, 0.2118
CMYK	0.15, 0.22, 0.00, 0.21
HSL	259°, 29%, 70%
HSV	259°, 22%, 79%
XYZ	39.0086, 36.5400, 60.2553
YIQ	165.3160, -6.1010, 16.9630

Conversions

Conversions Part 2

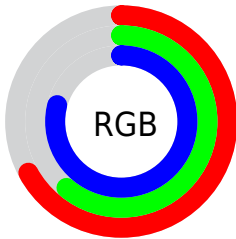
Format	Color
RYB	170, 156, 201
Decimal	11181257
CIELab	66.93, 14.11, -21.22
CIELCh	67, 25.483, 303.632
Yxy	36.5400, 0.2872, 0.2691
Android (android.graphics.Color)	4289371337 (0xFFAA9CC9)
YUV	165.3160, 17.5922, 4.1079
Hunter-Lab	60.4483, 9.4053, -16.7868

Details

The XYZ color **39.0086, 36.5400, 60.2553** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **47.3822, 54.7393, 39.5226**, and the grayscale version is **35.8370, 37.7033, 41.0589**.

A 20% lighter version of the original color is **72.7083, 69.9773, 104.2826**, and **17.6542, 15.9916, 29.7600** is the 20% darker color. If you saturate the color by 10%, you get **33.0735, 28.8816, 59.0905**, and if you desaturate by 10%, it is **45.8194, 45.4802, 61.6225**.

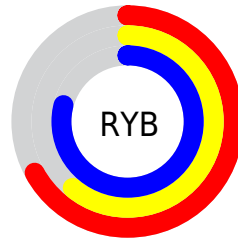
Distribution



Red (67%)

Green (61%)

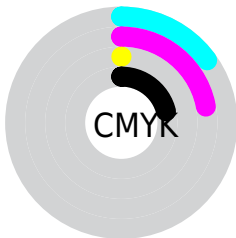
Blue (79%)



Red (67%)

Yellow (61%)

Blue (79%)

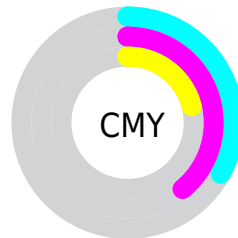


Cyan (15%)

Magenta (22%)

Yellow (0%)

Black (21%)



Cyan (33%)

Magenta (39%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.0086, 36.5400, 60.2553 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 39.0086, 36.5400, 60.2553 by changing the saturation by 10% instead.

■ 39.0086, 36.5400,
60.2553

■ 39.0086, 36.5400,
60.2553

333.1336,
331.3147, 443.3689

■ 26.9472, 24.8515,
43.1978

■ 72.9454, 69.8647,
106.7469

■ 17.6699, 15.9665,
29.7078

■ 95.5516, 92.2698,
137.0181

■ 10.8115, 9.5004,
19.3667

122.4033,
119.0158, 172.5310

■ 6.0066, 5.0690,
11.7561

153.8660,
150.4873, 213.7040

■ 2.8898, 2.2878,
6.4573

190.3050,
187.0685, 260.9558

■ 1.0958, 0.7672,
3.0518

232.0857,

■ 0.0216, 0.0000,

229.1438, 314.7048

1.1212

279.5735,
277.0978, 375.3697

■ 0.0000, 0.0000,
0.0000

■ 39.0086, 36.5400,
60.2553

■ 39.0086, 36.5400,
60.2553

■ 33.0735, 28.8816,
59.0905

■ 45.8194, 45.4802,
61.6225

■ 27.9736, 22.4406,
58.1160

■ 53.5374, 55.7535,
63.1987

■ 23.6700, 17.1538,
57.3224

■ 62.1965, 67.4140,
64.9930

■ 20.1193, 12.9501,
56.6982

■ 71.8279, 80.5114,
67.0134

■ 17.2736, 9.7507,
56.2306

■ 81.9797, 94.1293,
69.1069

■ 15.0785, 7.4653,
55.9052

■ 86.8417, 96.6357,
69.3344

■ 13.4709, 5.9866,
55.7045

■ 87.5427, 96.9971,
69.3673

■ 12.5626, 5.2584,
55.6118

Harmonies

Analogous

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



35.2029, 36.5400, 65.0150



39.0086, 36.5400, 60.2553



41.8191, 36.5400, 50.0009

Triad

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



39.0086, 36.5400, 60.2553



38.1345, 36.5400, 23.6082



27.8324, 36.5400, 41.1488

Complementary

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



39.0086, 36.5400, 60.2553



47.3822, 54.7393, 39.5226

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.



28.4913, 36.5400, 31.0664



39.0086, 36.5400, 60.2553



34.2617, 36.5400, 22.1086

Square

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



39.0086, 36.5400, 60.2553



41.2888, 36.5400, 29.1288



30.7766, 36.5400, 24.5727



28.9057, 36.5400, 52.7689

Rectangle

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



39.0086, 36.5400, 60.2553



42.6473, 36.5400, 42.1920



30.7766, 36.5400, 24.5727



27.8590, 36.5400, 37.4729

Sweetspot

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



39.0098, 36.5415, 60.2561



85.2373, 86.8771, 106.8842



42.1307, 47.0393, 62.1179



18.0713, 18.3650, 22.8423



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.



39.0098, 36.5415, 60.2561



61.5317, 55.7485, 102.1252



44.1704, 39.2019, 60.4976



10.3619, 10.4449, 13.3874



7.9824, 3.3493, 34.9701



0.4533, 0.1974, 1.6594

Inverse Universe

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



44.9467, 39.7838, 52.3255



73.6218, 62.3575, 85.6831



42.4056, 52.1738, 39.2897



10.9372, 10.7583, 12.6526



18.0939, 8.9871, 16.2363



0.8882, 0.4381, 0.9347

Previews

White Background



This preview shows how the XYZ color 39.0086, 36.5400, 60.2553 looks on a white background.

Color Contrast Check

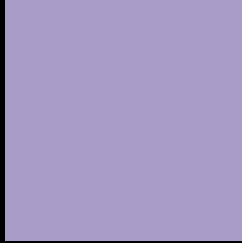
Large Text (above 18pt) WCAG AA × Fail

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 39.0086, 36.5400, 60.2553 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 39.0086, 36.5400, 60.2553

Background



This preview shows how black text looks on a background with the XYZ color 39.0086, 36.5400, 60.2553.



This preview shows how white text looks on a background with the XYZ color 39.0086, 36.5400,

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

39.0086, 36.5400, 60.2553

Protanopia

36.7132, 36.5729, 62.8819

Deuteranopia

37.3207, 36.4400, 59.7102



Tritanopia

35.9019, 36.5451, 45.2061

Trichromacy



Original Color

39.0086, 36.5400, 60.2553

Protanomaly

37.5953, 36.5268, 62.1956

Deuteranomaly

37.9620, 36.5164, 59.6911

Tritanomaly

36.9862, 36.4725, 50.4379

Monochromacy



Original Color

39.0086, 36.5400, 60.2553

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.8926, 37.2705, 47.3690

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0086, 36.5400, 60.2553 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(170, 156, 201)` looks like.

```
.text, #text, p{  
    color:rgb(170, 156, 201)  
}
```

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(170, 156, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 156, 201) }
```

Border

The CSS property to change the border of an element to XYZ 39.0086, 36.5400, 60.2553 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(170, 156, 201) }
```


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

```
.border{ border-color:rgb(170, 156, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 156, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 156, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 156, 201);  
box-shadow:4px 4px 4px 4px rgb(170, 156,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0086, 36.5400, 60.2553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 156, 201) }
```

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

```
.background{ background-color: rgb(170,  
156, 201) }
```

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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