

Converting Colors

XYZ(38.8597, 36.6472, 57.6571)

Have a look what the booklet for
XYZ(38.8597, 36.6472, 57.6571)
contains.

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Color

**XYZ(38.9296, 36.8031,
57.8752)**

Conversions

Conversions Part 1

Format	Color
Hex	AB9DC5
RGB	171, 157, 197
RGB Percent	67%, 62%, 77%
CMY	0.3294, 0.3843, 0.2274
CMYK	0.13, 0.20, 0.00, 0.23
HSL	261°, 26%, 69%
HSV	261°, 20%, 77%
XYZ	38.9296, 36.8031, 57.8752
YIQ	165.7460, -4.4960, 15.4080

Conversions

Conversions Part 2

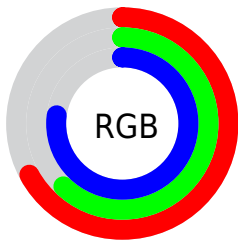
Format	Color
R _Y B	171, 157, 197
Decimal	11247045
CIE Lab	67.13, 13.01, -18.68
CIE LCh	67, 22.765, 304.844
Yxy	36.8031, 0.2914, 0.2755
Android (android.graphics.Color)	4289437125 (0xFFAB9DC5)
YUV	165.7460, 15.4082, 4.6078
Hunter-Lab	60.6656, 8.3802, -14.0970

Details

The XYZ color **38.9296, 36.8031, 57.8752** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **45.5818, 52.4350, 39.6186**, and the grayscale version is **36.0535, 37.9310, 41.3069**.

A 20% lighter version of the original color is **73.1114, 70.5736, 103.5346**, and **17.5832, 16.1428, 28.1757** is the 20% darker color. If you saturate the color by 10%, you get **33.2062, 29.2981, 56.7288**, and if you desaturate by 10%, it is **45.4629, 45.5253, 59.2150**.

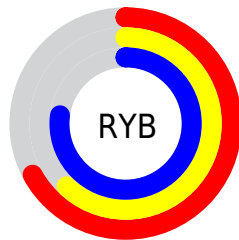
Distribution



Red (67%)

Green (62%)

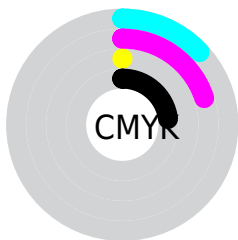
Blue (77%)



Red (67%)

Yellow (62%)

Blue (77%)

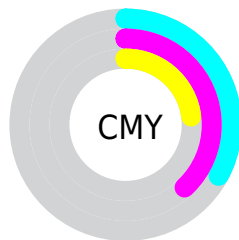


Cyan (13%)

Magenta (20%)

Yellow (0%)

Black (23%)



Cyan (33%)

Magenta (38%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.9296, 36.8031, 57.8752 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 38.9296, 36.8031, 57.8752 by changing the saturation by 10% instead.

■ 38.9296, 36.8031,
57.8752

■ 38.9296, 36.8031,
57.8752

332.8034,
332.4573, 434.3060

■ 26.8854, 25.0551,
41.2943

■ 72.8255, 70.2698,
103.2541

■ 17.6233, 16.1181,
28.2277

■ 95.4080, 92.7574,
132.8891

■ 10.7780, 9.6078,
18.2568

122.2339,
119.5935, 167.7126

■ 5.9839, 5.1397,
10.9632

153.6687,
151.1626, 208.1432

■ 2.8759, 2.3294,
5.9282

190.0777,
187.8492, 254.5992

■ 1.0885, 0.7892,
2.7334

231.8263,

■ 0.0154, 0.0000,

230.0376, 307.4993

0.9602

279.2797,
278.1121, 367.2621

■ 0.0000, 0.0000,
0.0000

■ 38.9296, 36.8031,
57.8752

■ 38.9296, 36.8031,
57.8752

■ 33.2062, 29.2981,
56.7288

■ 45.4629, 45.5253,
59.2150

■ 28.2560, 22.9503,
55.7645

■ 52.8341, 55.5118,
60.7541

■ 24.0443, 17.7014,
54.9733

■ 61.0738, 66.8128,
62.5011

■ 20.5322, 13.4863,
54.3448

■ 70.2102, 79.4745,
64.4635

■ 17.6770, 10.2326,
53.8673

■ 80.1089, 93.2185,
66.5947

■ 15.4306, 7.8580,
53.5273

■ 84.4912, 95.4776,
66.7997

■ 13.7373, 6.2659,
53.3093

■ 87.0782, 96.8113,
66.9208

■ 12.5285, 5.2945,
53.1855

Harmonies

Analogous

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



35.5463, 36.8031, 62.2691



38.9296, 36.8031, 57.8752



41.3690, 36.8031, 48.7495

Triad

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



38.9296, 36.8031, 57.8752



37.8916, 36.8031, 25.1543



28.7484, 36.8031, 41.7066

Complementary

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



38.9296, 36.8031, 57.8752



45.5818, 52.4350, 39.6186

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.



29.2856, 36.8031, 32.4912



38.9296, 36.8031, 57.8752



34.4202, 36.8031, 23.8982

Square

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



38.9296, 36.8031, 57.8752



40.7425, 36.8031, 30.1226



31.3075, 36.8031, 26.3552



29.7887, 36.8031, 52.0022

Rectangle

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



38.9296, 36.8031, 57.8752



42.0497, 36.8031, 41.8128



31.3075, 36.8031, 26.3552



28.7512, 36.8031, 38.3808

Sweetspot

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



38.9307, 36.8046, 57.8760



86.7971, 88.7860, 107.1705



41.0553, 45.3432, 59.4122



18.3932, 18.7537, 22.9003



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.



38.9307, 36.8046, 57.8760



65.3858, 60.1948, 102.7803



43.4547, 39.1368, 58.0877



10.4010, 10.4650, 13.3892



8.3227, 3.5248, 34.9861



0.4725, 0.2073, 1.6603

Inverse Universe

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



43.6314, 39.4047, 50.1076



75.2785, 65.6711, 86.2353



41.2944, 50.2248, 39.4179



10.9194, 10.7511, 12.5586



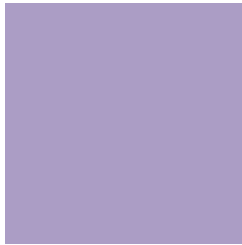
17.7512, 8.8500, 14.4313



0.8739, 0.4324, 0.8589

Previews

White Background



This preview shows how the XYZ color 38.9296, 36.8031, 57.8752 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 38.9296, 36.8031, 57.8752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

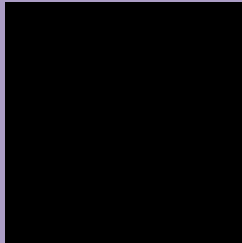
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.9296, 36.8031, 57.8752

Background



This preview shows how black text looks on a background with the XYZ color 38.9296, 36.8031, 57.8752.



This preview shows how white text looks on a background with the XYZ color 38.9296, 36.8031,

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

38.9296, 36.8031, 57.8752

Protanopia

36.8632, 36.9794, 59.8384

Deuteranopia

37.6389, 36.9137, 57.3658



Tritanopia

36.3212, 36.7612, 45.2257

Trichromacy



Original Color

38.9296, 36.8031, 57.8752

Protanomaly

37.5776, 36.8422, 59.1635

Deuteranomaly

38.0878, 36.8888, 57.3374

Tritanomaly

37.1628, 36.8438, 49.4089

Monochromacy



Original Color

38.9296, 36.8031, 57.8752

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

37.1815, 37.6935, 46.9109

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.9296, 36.8031, 57.8752 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(171, 157, 197)` looks like.

```
.text, #text, p{  
    color:rgb(171, 157, 197)  
}
```

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(171, 157, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 157, 197) }
```

Border

The CSS property to change the border of an element to XYZ 38.9296, 36.8031, 57.8752 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(171, 157, 197) }
```


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

```
.border{ border-color:rgb(171, 157, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 157, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 157, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 157, 197);  
box-shadow:4px 4px 4px 4px rgb(171, 157,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 38.9296, 36.8031, 57.8752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 157, 197) }
```

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

```
.background{ background-color: rgb(171,  
157, 197) }
```

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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