

Converting Colors

XYZ(38.2602, 36.5102, 55.4827)

Have a look what the booklet for
XYZ(38.2602, 36.5102, 55.4827)
contains.

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Color

**XYZ(38.2602, 36.5102,
55.4827)**

Conversions

Conversions Part 1

Format	Color
Hex	AA9DC1
RGB	170, 157, 193
RGB Percent	67%, 62%, 76%
CMY	0.3333, 0.3843, 0.2431
CMYK	0.12, 0.19, 0.00, 0.24
HSL	262°, 22%, 69%
HSV	262°, 19%, 76%
XYZ	38.2602, 36.5102, 55.4827
YIQ	164.9910, -3.8080, 13.9520

Conversions

Conversions Part 2

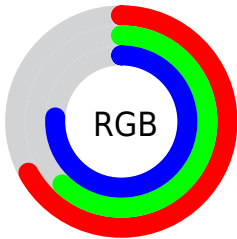
Format	Color
RYB	170, 157, 193
Decimal	11181505
CIELab	66.91, 11.82, -16.80
CIElCh	67, 20.542, 305.126
Yxy	36.5102, 0.2937, 0.2803
Android (android.graphics.Color)	4289371585 (0xFFAA9DC1)
YUV	164.9910, 13.8084, 4.3929
Hunter-Lab	60.4237, 7.2846, -12.1452

Details

The XYZ color **38.2602, 36.5102, 55.4827** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **43.9793, 50.2784, 39.2866**, and the grayscale version is **35.6980, 37.5571, 40.8996**.

A 20% lighter version of the original color is **71.8501, 69.9966, 100.1663**, and **17.2854, 16.0237, 26.6079** is the 20% darker color. If you saturate the color by 10%, you get **32.7077, 29.1781, 54.3607**, and if you desaturate by 10%, it is **44.5808, 45.0059, 56.7900**.

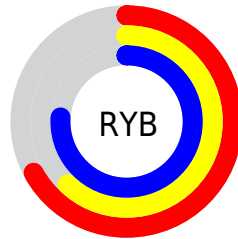
Distribution



Red (67%)

Green (62%)

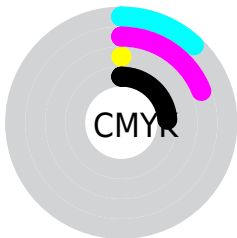
Blue (76%)



Red (67%)

Yellow (62%)

Blue (76%)

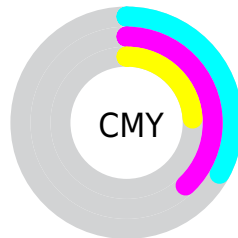


Cyan (12%)

Magenta (19%)

Yellow (0%)

Black (24%)



Cyan (33%)

Magenta (38%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.2602, 36.5102, 55.4827 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 38.2602, 36.5102, 55.4827 by changing the saturation by 10% instead.

■ 38.2602, 36.5102,
55.4827

■ 38.2602, 36.5102,
55.4827

329.9964,
331.1851, 425.0725

■ 26.3628, 24.8285,
39.3871

■ 71.8081, 69.8188,
99.7261

■ 17.2294, 15.9493,
26.7509

■ 94.1894, 92.2145,
128.7109

■ 10.4945, 9.4883,
17.1554

120.7960,
118.9503, 162.8293

■ 5.7928, 5.0610,
10.1822

151.9932,
150.4107, 202.4997

■ 2.7590, 2.2831,
5.4128

188.1466,
186.9799, 248.1406

■ 1.0276, 0.7648,
2.4285

229.6213,

■ 0.0000, 0.0000,

229.0425, 300.1707

0.8019

276.7828,
276.9827, 359.0085

■ 0.0000, 0.0000,
0.0000

■ 38.2602, 36.5102,
55.4827

■ 38.2602, 36.5102,
55.4827

■ 32.7077, 29.1781,
54.3607

■ 44.5808, 45.0059,
56.7900

■ 27.8889, 22.9531,
53.4131

■ 51.6953, 54.7090,
58.2879

■ 23.7717, 17.7809,
52.6318

■ 59.6324, 65.6669,
59.9846

■ 20.3202, 13.6006,
52.0068

■ 68.4182, 77.9228,
61.8872

■ 17.4948, 10.3450,
51.5273

■ 78.0777, 91.5180,
64.0022

■ 15.2513, 7.9379,
51.1810

■ 82.6897, 94.6012,
64.3543

■ 13.5389, 6.2908,
50.9533

■ 86.6257, 96.6303,
64.5385

■ 12.2786, 5.2598,
50.8207

■ 12.1293, 5.1410,
50.8056

Harmonies

Analogous

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



35.2393, 36.5102, 59.3830



38.2602, 36.5102, 55.4827



40.4190, 36.5102, 47.4066

Triad

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



38.2602, 36.5102, 55.4827



37.2803, 36.5102, 26.1439



29.0763, 36.5102, 41.3045

Complementary

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



38.2602, 36.5102, 55.4827



43.9793, 50.2784, 39.2866

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.



29.5509, 36.5102, 32.9716



38.2602, 36.5102, 55.4827



34.1699, 36.5102, 25.0102

Square

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



38.2602, 36.5102, 55.4827



39.8300, 36.5102, 30.6852



31.3713, 36.5102, 27.3191



30.0339, 36.5102, 50.4524

Rectangle

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



38.2602, 36.5102, 55.4827



41.0125, 36.5102, 41.2273



31.3713, 36.5102, 27.3191



29.0742, 36.5102, 38.3150

Sweetspot

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



38.2613, 36.5117, 55.4835



82.9651, 84.8401, 102.3633



39.9336, 43.8238, 56.8067



17.6249, 17.9647, 21.9239



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



38.2613, 36.5117, 55.4835



64.6954, 60.3040, 98.5903



42.3243, 38.6063, 55.6737



9.8640, 9.9210, 12.6799



8.1477, 3.4607, 33.7952



0.4278, 0.1886, 1.4637

Inverse Universe

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



42.2886, 38.7481, 48.4316



73.1758, 65.0166, 83.5907



40.1386, 48.2985, 39.1069



10.3379, 10.1838, 11.8701



17.0577, 8.5128, 13.4816



0.7690, 0.3806, 0.7512

Previews

White Background



This preview shows how the XYZ color 38.2602, 36.5102, 55.4827 looks on a white background.

Color Contrast Check

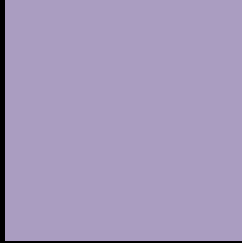
Large Text (above 18pt) WCAG AA × Fail

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 38.2602, 36.5102, 55.4827 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 38.2602, 36.5102, 55.4827

Background



This preview shows how black text looks on a background with the XYZ color 38.2602, 36.5102, 55.4827.



This preview shows how white text looks on a background with the XYZ color 38.2602, 36.5102,

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

38.2602, 36.5102, 55.4827

Protanopia

36.2262, 36.4438, 57.3496

Deuteranopia

37.3336, 36.5390, 55.5371



Tritanopia

36.0500, 36.3742, 44.6561

Trichromacy



Original Color

38.2602, 36.5102, 55.4827

Protanomaly

36.9183, 36.5553, 56.7398

Deuteranomaly

37.5784, 36.4110, 55.4995

Tritanomaly

36.7848, 36.4164, 48.2703

Monochromacy



Original Color

38.2602, 36.5102, 55.4827

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.5945, 37.1513, 45.7996

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.2602, 36.5102, 55.4827 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, 157, 193)` looks like.

```
.text, #text, p{  
    color:rgb(170, 157, 193)  
}
```

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, 157, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 157, 193) }
```

Border

The CSS property to change the border of an element to XYZ 38.2602, 36.5102, 55.4827 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, 157, 193) }
```


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

```
.border{ border-color:rgb(170, 157, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 157, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 157, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 157, 193);  
box-shadow:4px 4px 4px 4px rgb(170, 157,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 38.2602, 36.5102, 55.4827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 157, 193) }
```

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

```
.background{ background-color: rgb(170,  
157, 193) }
```

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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