

Converting Colors

XYZ(38.3027, 36.0347, 54.3712)

Have a look what the booklet for
XYZ(38.3027, 36.0347, 54.3712)
contains.

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Color

**XYZ(38.3589, 36.0885,
54.2343)**

Conversions

Conversions Part 1

Format	Color
Hex	AD9BBF
RGB	173, 155, 191
RGB Percent	68%, 61%, 75%
CMY	0.3216, 0.3921, 0.2510
CMYK	0.09, 0.19, 0.00, 0.25
HSL	270°, 22%, 68%
HSV	270°, 19%, 75%
XYZ	38.3589, 36.0885, 54.2343
YIQ	164.4860, -0.8280, 15.0120

Conversions

Conversions Part 2

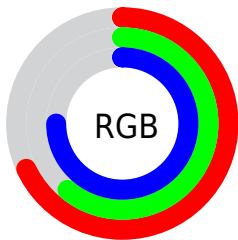
Format	Color
R _Y B	173, 155, 191
Decimal	11377599
CIE Lab	66.59, 13.52, -16.15
CIE LCh	67, 21.058, 309.937
Yxy	36.0885, 0.2981, 0.2804
Android (android.graphics.Color)	4289567679 (0xFFAD9BBF)
YUV	164.4860, 13.0714, 7.4668
Hunter-Lab	60.0737, 8.8487, -11.4752

Details

The XYZ color **38.3589, 36.0885, 54.2343** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **41.7820, 48.5133, 38.1739**, and the grayscale version is **35.4590, 37.3056, 40.6258**.

A 20% lighter version of the original color is **71.9021, 68.9743, 97.5194**, and **17.2835, 15.7287, 26.1698** is the 20% darker color. If you saturate the color by 10%, you get **33.3915, 29.1771, 53.1626**, and if you desaturate by 10%, it is **43.9823, 44.0864, 55.4822**.

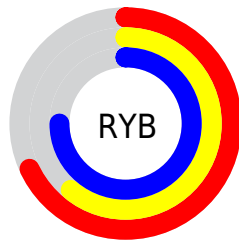
Distribution



Red (68%)

Green (61%)

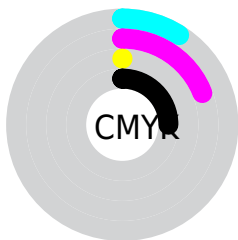
Blue (75%)



Red (68%)

Yellow (61%)

Blue (75%)

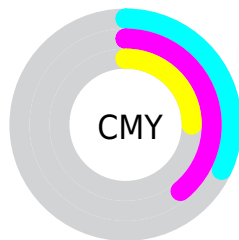


Cyan (9%)

Magenta (19%)

Yellow (0%)

Black (25%)



Cyan (32%)

Magenta (39%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.3589, 36.0885, 54.2343 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 38.3589, 36.0885, 54.2343 by changing the saturation by 10% instead.


 38.3589, 36.0885,
54.2343


 38.3589, 36.0885,
54.2343

330.4114,
329.3472, 420.2027

 26.4398, 24.5026,
38.3946


 71.9583, 69.1686,
97.8780

 17.2874, 15.7068,
25.9849


 94.3693, 91.4316,
126.5191

 10.5362, 9.3169,
16.5866

121.0083,
118.0224, 160.2644

 5.8209, 4.9485,
9.7814

152.2407,
149.3254, 199.5324

 2.7761, 2.2171,
5.1506

188.4319,
185.7250, 244.7417

 1.0365, 0.7293,
2.2756

229.9471,

 0.0000, 0.0000,

227.6055, 296.3108

0.7175

277.1518,
275.3515, 354.6583

■ 0.0000, 0.0000,
0.0000

■ 38.3589, 36.0885,
54.2343

■ 38.3589, 36.0885,
54.2343

■ 33.3915, 29.1771,
53.1626

■ 43.9823, 44.0864,
55.4822

■ 29.0500, 23.2988,
52.2568

■ 50.2834, 53.2117,
56.9115

■ 25.3069, 18.4025,
51.5090

■ 57.2870, 63.5090,
58.5299

■ 22.1310, 14.4309,
50.9098

■ 65.0156, 75.0190,
60.3442

■ 19.4879, 11.3203,
50.4487

■ 73.4906, 87.7803,
62.3607

■ 17.3390, 8.9989,
50.1139

■ 77.8950, 92.1551,
62.9730

■ 15.6394, 7.3824,
49.8915

■ 81.0500, 93.7815,
63.1207

■ 14.3150, 6.3288,
49.7579

■ 84.3757, 95.4960,
63.2763

■ 14.1751, 6.2212,
49.7445

■ 86.4041, 96.5416,
63.3712

Harmonies

Analogous

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



35.3622, 36.0885, 59.0888



38.3589, 36.0885, 54.2343



40.3424, 36.0885, 45.5835

Triad

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



38.3589, 36.0885, 54.2343



36.4320, 36.0885, 25.0884



28.6477, 36.0885, 42.3799

Complementary

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



38.3589, 36.0885, 54.2343



41.7820, 48.5133, 38.1739

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.



28.8951, 36.0885, 33.6119



38.3589, 36.0885, 54.2343



33.2613, 36.0885, 24.5024

Square

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



38.3589, 36.0885, 54.2343



39.1833, 36.0885, 29.1320



30.5399, 36.0885, 27.3856



29.8421, 36.0885, 51.5813

Rectangle

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



38.3589, 36.0885, 54.2343



40.7554, 36.0885, 39.3136



30.5399, 36.0885, 27.3856



28.5668, 36.0885, 39.2749

Sweetspot

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



38.3600, 36.0900, 54.2351



81.7538, 83.2501, 100.0391



37.9817, 40.8493, 55.1737



17.7933, 18.0516, 21.9318



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.



38.3600, 36.0900, 54.2351



64.5401, 58.8084, 96.2287



42.4616, 38.2045, 54.4270



9.4587, 9.4533, 11.9984



9.4085, 4.1363, 32.6954



0.4440, 0.2009, 1.2842

Inverse Universe

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



40.7512, 37.5377, 44.6345



69.7683, 61.9737, 75.2379



38.1815, 46.6572, 38.0054



9.7237, 9.6138, 10.9342



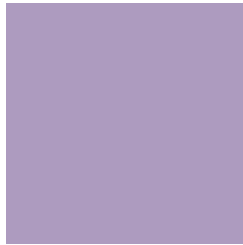
15.5335, 7.8445, 8.1028



0.6415, 0.3205, 0.4913

Previews

White Background



This preview shows how the XYZ color 38.3589, 36.0885, 54.2343 looks on a white background.

Color Contrast Check

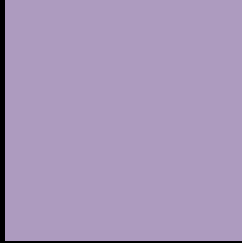
Large Text (above 18pt) WCAG AA × Fail

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 38.3589, 36.0885, 54.2343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

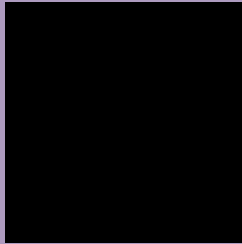
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.3589, 36.0885, 54.2343

Background



This preview shows how black text looks on a background with the XYZ color 38.3589, 36.0885, 54.2343.



This preview shows how white text looks on a background with the XYZ color 38.3589, 36.0885,

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

38.3589, 36.0885, 54.2343

Protanopia

36.1128, 36.3984, 56.7520

Deuteranopia

36.8310, 36.0639, 53.7350



Tritanopia

36.3264, 36.2826, 43.6167

Trichromacy



Original Color

38.3589, 36.0885, 54.2343

Protanomaly

37.0360, 36.3727, 56.1076

Deuteranomaly

37.2876, 36.0471, 53.7077

Tritanomaly

37.0573, 36.3260, 47.1780

Monochromacy



Original Color

38.3589, 36.0885, 54.2343

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

36.3212, 36.7612, 45.2257

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.3589, 36.0885, 54.2343 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(173, 155, 191)` looks like.

```
.text, #text, p{  
    color:rgb(173, 155, 191)  
}
```

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(173, 155, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 155, 191) }
```

Border

The CSS property to change the border of an element to XYZ 38.3589, 36.0885, 54.2343 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(173, 155, 191) }
```


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

```
.border{ border-color:rgb(173, 155, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 155, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 155, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 155, 191);  
box-shadow:4px 4px 4px 4px rgb(173, 155,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 38.3589, 36.0885, 54.2343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 155, 191) }
```

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

```
.background{ background-color: rgb(173,  
155, 191) }
```

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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