

Converting Colors

XYZ(39.7359, 38.3085, 57.1445)

Have a look what the booklet for
XYZ(39.7359, 38.3085, 57.1445)
contains.

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Color

**XYZ(39.6085, 38.2005,
56.9156)**

Conversions

Conversions Part 1

Format	Color
Hex	ACA1C3
RGB	172, 161, 195
RGB Percent	67%, 63%, 76%
CMY	0.3255, 0.3686, 0.2353
CMYK	0.12, 0.17, 0.00, 0.24
HSL	259°, 22%, 70%
HSV	259°, 17%, 76%
XYZ	39.6085, 38.2005, 56.9156
YIQ	168.1650, -4.3580, 12.9060

Conversions

Conversions Part 2

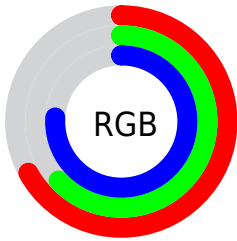
Format	Color
R _Y B	172, 161, 195
Decimal	11313603
CIE Lab	68.17, 10.67, -15.99
CIE LCh	68, 19.227, 303.723
Yxy	38.2005, 0.2940, 0.2835
Android (android.graphics.Color)	4289503683 (0xFFACA1C3)
YUV	168.1650, 13.2297, 3.3633
Hunter-Lab	61.8066, 6.2296, -11.3336

Details

The XYZ color **39.6085, 38.2005, 56.9156** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **45.7165, 51.7947, 41.3078**, and the grayscale version is **37.2400, 39.1794, 42.6664**.

A 20% lighter version of the original color is **74.1215, 72.6340, 102.2086**, and **17.8841, 16.7823, 27.4960** is the 20% darker color. If you saturate the color by 10%, you get **33.7103, 30.4903, 55.7389**, and if you desaturate by 10%, it is **46.3280, 47.1249, 58.2846**.

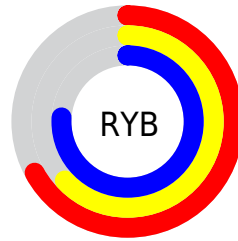
Distribution



Red (67%)

Green (63%)

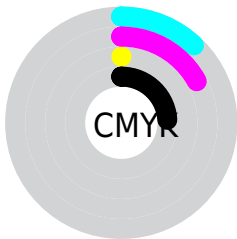
Blue (76%)



Red (67%)

Yellow (63%)

Blue (76%)

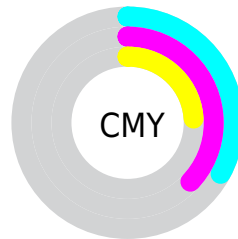


Cyan (12%)

Magenta (17%)

Yellow (0%)

Black (24%)



Cyan (33%)

Magenta (37%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.6085, 38.2005, 56.9156 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 39.6085, 38.2005, 56.9156 by changing the saturation by 10% instead.

■ 39.6085, 38.2005,
56.9156

■ 39.6085, 38.2005,
56.9156

335.6335,
338.4793, 430.6179

■ 27.4163, 26.1383,
40.5286

■ 73.8551, 72.4153,
101.8411

■ 18.0243, 16.9272,
27.6340

■ 96.6402, 95.3368,
131.2167

■ 11.0672, 10.1826,
17.8133

123.6870,
122.6469, 165.7589

■ 6.1797, 5.5202,
10.6480

155.3608,
154.7299, 205.8863

■ 2.9964, 2.5556,
5.7195

192.0270,
191.9702, 252.0173

■ 1.1518, 0.9044,
2.6092

234.0510,

■ 0.0678, 0.0000,

234.7523, 304.5705

0.8972

281.7980,
283.4605, 363.9645

■ 0.0000, 0.0000,
0.0000

■ 39.6085, 38.2005,
56.9156

■ 39.6085, 38.2005,
56.9156

■ 33.7103, 30.4903,
55.7389

■ 46.3280, 47.1249,
58.2846

■ 28.5968, 23.9362,
54.7433

■ 53.8961, 57.3087,
59.8514

■ 24.2341, 18.4822,
53.9205

■ 62.3433, 68.8009,
61.6244

■ 20.5841, 14.0658,
53.2604

■ 71.6974, 81.6460,
63.6108

■ 17.6050, 10.6180,
52.7520

■ 80.8570, 93.6305,
65.4412

■ 15.2505, 8.0612,
52.3825

■ 85.4489, 95.9977,
65.6561

■ 13.4672, 6.3051,
52.1376

■ 86.8504, 96.7202,
65.7217

■ 12.1832, 5.2234,
51.9964

■ 11.9057, 4.9997,
51.9679

Harmonies

Analogous

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



36.6845, 38.2005, 60.3689



39.6085, 38.2005, 56.9156



41.7345, 38.2005, 49.3509

Triad

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



39.6085, 38.2005, 56.9156



38.9245, 38.2005, 28.4611



30.8472, 38.2005, 42.6765

Complementary

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



39.6085, 38.2005, 56.9156



45.7165, 51.7947, 41.3078

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.



31.3743, 38.2005, 34.6955



39.6085, 38.2005, 56.9156



35.9349, 38.2005, 27.1812

Square

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



39.6085, 38.2005, 56.9156



41.3246, 38.2005, 33.0740



33.1969, 38.2005, 29.3027



31.7156, 38.2005, 51.4640

Rectangle

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



39.6085, 38.2005, 56.9156



42.3541, 38.2005, 43.4279



33.1969, 38.2005, 29.3027



30.8673, 38.2005, 39.8122

Sweetspot

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



39.6097, 38.2021, 56.9164



86.0288, 88.4927, 105.0164



41.7385, 45.8964, 58.2894



18.6340, 19.1036, 22.9552



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.



39.6097, 38.2021, 56.9164



66.6583, 62.7928, 101.0767



43.5248, 40.2204, 57.0997



9.8283, 9.9026, 12.6782



7.8169, 3.2902, 33.7797



0.4110, 0.1799, 1.4629

Inverse Universe

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



43.9035, 40.5541, 50.8626



75.8705, 67.8426, 87.9204



41.9351, 49.8453, 41.1308



10.3542, 10.1903, 11.9557



17.3705, 8.6380, 15.1292



0.7810, 0.3854, 0.8140

Previews

White Background



This preview shows how the XYZ color 39.6085, 38.2005, 56.9156 looks on a white background.

Color Contrast Check

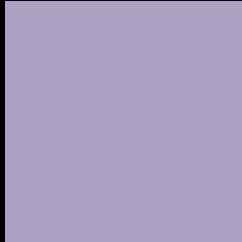
Large Text (above 18pt) WCAG AA × Fail

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 39.6085, 38.2005, 56.9156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

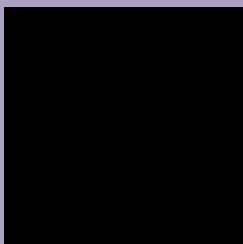
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.6085, 38.2005, 56.9156

Background



This preview shows how black text looks on a background with the XYZ color 39.6085, 38.2005, 56.9156.



This preview shows how white text looks on a background with the XYZ color 39.6085, 38.2005,

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

39.6085, 38.2005, 56.9156

Protanopia

37.8313, 38.3124, 58.2244

Deuteranopia

39.1328, 38.2158, 56.9436



Tritanopia

37.5735, 38.1603, 46.9803

Trichromacy



Original Color

39.6085, 38.2005, 56.9156

Protanomaly

38.5491, 38.4290, 57.6103

Deuteranomaly

39.3482, 38.3268, 56.9537

Tritanomaly

38.3265, 38.2011, 50.7009

Monochromacy



Original Color

39.6085, 38.2005, 56.9156

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.8532, 38.5596, 47.5672

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6085, 38.2005, 56.9156 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, 161, 195)` looks like.

```
.text, #text, p{  
    color:rgb(172, 161, 195)  
}
```

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, 161, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 161, 195) }
```

Border

The CSS property to change the border of an element to XYZ 39.6085, 38.2005, 56.9156 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, 161, 195) }
```


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

```
.border{ border-color:rgb(172, 161, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 161, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 161, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 161, 195);  
box-shadow:4px 4px 4px 4px rgb(172, 161,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6085, 38.2005, 56.9156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 161, 195) }
```

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

```
.background{ background-color: rgb(172,  
161, 195) }
```

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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