

Converting Colors

XYZ(38.8853, 35.3848, 65.1021)

Have a look what the booklet for
XYZ(38.8853, 35.3848, 65.1021)
contains.

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Color

**XYZ(38.8853, 35.3848,
65.1021)**

Conversions

Conversions Part 1

Format	Color
Hex	A898D1
RGB	168, 152, 209
RGB Percent	66%, 60%, 82%
CMY	0.3412, 0.4039, 0.1804
CMYK	0.20, 0.27, 0.00, 0.18
HSL	257°, 38%, 71%
HSV	257°, 27%, 82%
XYZ	38.8853, 35.3848, 65.1021
YIQ	163.2820, -8.7610, 21.1190

Conversions

Conversions Part 2

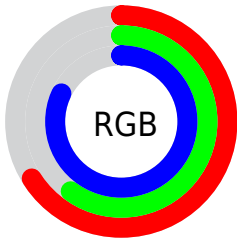
Format	Color
R_{YB}	168, 152, 209
Decimal	11049169
CIE _{Lab}	66.05, 17.53, -27.03
CIE _{LCh}	66, 32.216, 302.964
Yxy	35.3848, 0.2790, 0.2539
Android (android.graphics.Color)	4289239249 (0xFFA898D1)
YUV	163.2820, 22.5390, 4.1377
Hunter-Lab	59.4851, 12.5861, -23.2490

Details

The XYZ color **38.8853, 35.3848, 65.1021** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **50.4615, 59.2063, 38.4757**, and the grayscale version is **34.8467, 36.6615, 39.9244**.

A 20% lighter version of the original color is **70.8618, 67.2099, 103.8457**, and **17.5566, 15.2853, 32.5969** is the 20% darker color. If you saturate the color by 10%, you get **32.7698, 27.6332, 63.9288**, and if you desaturate by 10%, it is **45.9708, 44.5254, 66.4936**.

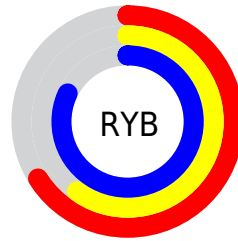
Distribution



Red (66%)

Green (60%)

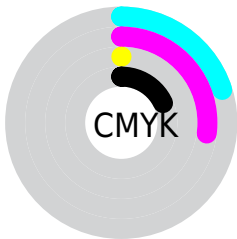
Blue (82%)



Red (66%)

Yellow (60%)

Blue (82%)

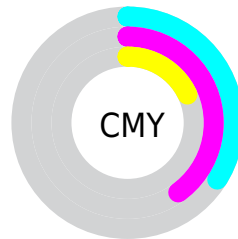


Cyan (20%)

Magenta (27%)

Yellow (0%)

Black (18%)



Cyan (34%)

Magenta (40%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.8853, 35.3848, 65.1021 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 38.8853, 35.3848, 65.1021 by changing the saturation by 10% instead.

■ 38.8853, 35.3848,
65.1021

■ 38.8853, 35.3848,
65.1021

332.6182,
326.2636, 461.4750

■ 26.8508, 23.9594,
47.0920

■ 72.7583, 68.0815,
113.8113

■ 17.5972, 15.3035,
32.7535

■ 95.3275, 90.1215,
145.3475

■ 10.7591, 9.0327,
21.6681

122.1389,
116.4687, 182.2295

■ 5.9712, 4.7625,
13.4173

153.5581,
147.5072, 224.8758

■ 2.8681, 2.1086,
7.5824

189.9502,
183.6216, 273.7050

■ 1.0844, 0.6695,
3.7450

231.6807,

■ 0.0120, 0.0000,

225.1962, 329.1355

1.4865

279.1149,
272.6154, 391.5860

■ 0.0000, 0.0000,
0.2079

■ 0.0000, 0.0000,
0.0000

■ 38.8853, 35.3848,
65.1021

■ 38.8853, 35.3848,
65.1021

■ 32.7698, 27.6332,
63.9288

■ 45.9708, 44.5254,
66.4936

■ 27.5771, 21.1970,
62.9602

■ 54.0640, 55.1151,
68.1110

■ 23.2606, 16.0025,
62.1850

■ 63.2044, 67.2154,
69.9648

■ 19.7685, 11.9665,
61.5901

■ 73.4287, 80.8831,
72.0641

■ 17.0428, 8.9955,
61.1603

■ 84.2899, 95.2086,
74.2568

■ 15.0171, 6.9805,
60.8781

■ 88.5087, 97.3835,
74.4542

■ 13.6056, 5.7764,
60.7201

■ 13.2925, 5.5230,
60.6877

Harmonies

Analogous

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



34.1098, 35.3848, 71.2479



38.8853, 35.3848, 65.1021



42.5013, 35.3848, 51.7744

Triad

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



38.8853, 35.3848, 65.1021



37.9854, 35.3848, 19.5160



25.2630, 35.3848, 39.9054

Complementary

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



38.8853, 35.3848, 65.1021



50.4615, 59.2063, 38.4757

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.



26.0916, 35.3848, 27.7589



38.8853, 35.3848, 65.1021



33.1591, 35.3848, 17.7657

Square

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



38.8853, 35.3848, 65.1021



41.9482, 35.3848, 25.9067



28.8749, 35.3848, 20.3939



26.4950, 35.3848, 54.6990

Rectangle

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



38.8853, 35.3848, 65.1021



43.6038, 35.3848, 41.8430



28.8749, 35.3848, 20.3939



25.3100, 35.3848, 35.3929

Sweetspot

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



38.8865, 35.3862, 65.1029



83.6899, 84.9902, 106.6016



43.7060, 49.7746, 67.6261



17.4816, 17.6245, 22.7304



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.



38.8865, 35.3862, 65.1029



54.9535, 47.8208, 100.9417



45.4250, 38.7570, 65.4089



11.4708, 11.5760, 14.8735



8.2792, 3.4484, 37.4217



0.5408, 0.2330, 2.0960

Inverse Universe

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



47.1495, 39.8635, 55.6630



70.2522, 56.1202, 83.0129



44.0487, 55.9004, 38.1756



12.1634, 11.9501, 14.1361



19.6673, 9.7398, 18.9521



1.1326, 0.5578, 1.2331

Previews

White Background



This preview shows how the XYZ color 38.8853, 35.3848, 65.1021 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 38.8853, 35.3848, 65.1021 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 38.8853, 35.3848, 65.1021

Background



This preview shows how black text looks on a background with the XYZ color 38.8853, 35.3848, 65.1021.



This preview shows how white text looks on a background with the XYZ color 38.8853, 35.3848,

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

38.8853, 35.3848, 65.1021

Protanopia

36.2128, 35.6711, 68.5949

Deuteranopia

36.3745, 35.5871, 64.6264



Tritanopia

34.5425, 35.3519, 44.0327

Trichromacy



Original Color

38.8853, 35.3848, 65.1021

Protanomaly

36.9090, 35.3027, 67.1561

Deuteranomaly

37.1783, 35.4991, 64.5670

Tritanomaly

35.9553, 35.1722, 50.7928

Monochromacy



Original Color

38.8853, 35.3848, 65.1021

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

36.1534, 36.0909, 48.2408

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.8853, 35.3848, 65.1021 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(168, 152, 209)` looks like.

```
.text, #text, p{  
    color:rgb(168, 152, 209)  
}
```

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(168, 152, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 152, 209) }
```

Border

The CSS property to change the border of an element to XYZ 38.8853, 35.3848, 65.1021 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(168, 152, 209) }
```


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

```
.border{ border-color:rgb(168, 152, 209) }
```

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

Here you see how a box with a 4 pixel rgb(168, 152, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 152, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 152, 209);  
box-shadow:4px 4px 4px 4px rgb(168, 152,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 38.8853, 35.3848, 65.1021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 152, 209) }
```

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

```
.background{ background-color: rgb(168,  
152, 209) }
```

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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