

Converting Colors

XYZ(38.3293, 35.3914, 51.8248)

Have a look what the booklet for
XYZ(38.3293, 35.3914, 51.8248)
contains.

XYZ(38.3293, 35.3914, 51.8248)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(38.3293, 35.3914,
51.8248)**

Conversions

Conversions Part 1

Format	Color
Hex	B198BB
RGB	177, 152, 187
RGB Percent	69%, 60%, 73%
CMY	0.3059, 0.4039, 0.2667
CMYK	0.05, 0.19, 0.00, 0.27
HSL	283°, 20%, 66%
HSV	283°, 19%, 73%
XYZ	38.3293, 35.3914, 51.8248
YIQ	163.4650, 3.6650, 16.1850

Conversions

Conversions Part 2

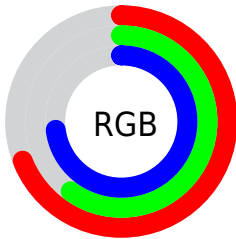
Format	Color
R_{YB}	177, 152, 187
Decimal	11638971
CIE _{Lab}	66.05, 15.73, -14.69
CIE _{LCh}	66, 21.520, 316.966
Yxy	35.3914, 0.3053, 0.2819
Android (android.graphics.Color)	4289829051 (0xFFB198BB)
YUV	163.4650, 11.6028, 11.8702
Hunter-Lab	59.4907, 10.8973, -10.0065

Details

The XYZ color **38.3293, 35.3914, 51.8248** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **38.3394, 45.4900, 36.4672**, and the grayscale version is **34.9791, 36.8007, 40.0760**.

A 20% lighter version of the original color is **71.8532, 67.9373, 94.1202**, and **17.2689, 15.3137, 24.5999** is the 20% darker color. If you saturate the color by 10%, you get **34.3372, 29.1783, 50.8365**, and if you desaturate by 10%, it is **42.8497, 42.5891, 52.9764**.

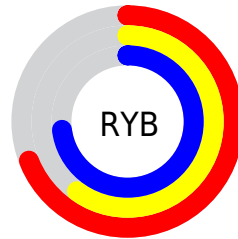
Distribution



Red (69%)

Green (60%)

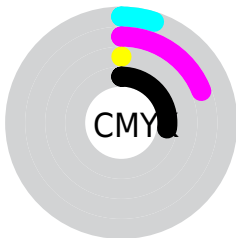
Blue (73%)



Red (69%)

Yellow (60%)

Blue (73%)

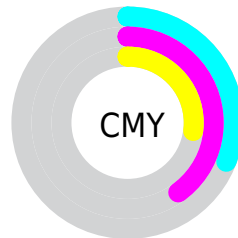


Cyan (5%)

Magenta (19%)

Yellow (0%)

Black (27%)



Cyan (31%)


Magenta (40%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.3293, 35.3914, 51.8248 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 38.3293, 35.3914, 51.8248 by changing the saturation by 10% instead.


 38.3293, 35.3914,
51.8248


 38.3293, 35.3914,
51.8248

330.2870,
326.2926, 410.6976

 26.4167, 23.9645,
36.4842


 71.9132, 68.0917,
94.2968

 17.2700, 15.3073,
24.5157


 94.3153, 90.1339,
122.2652

 10.5237, 9.0353,
15.5009


120.9446,
116.4833, 155.2799

 5.8124, 4.7642,
9.0212

152.1665,
147.5243, 193.7595

 2.7709, 2.1096,
4.6580

188.3463,
183.6414, 238.1225

 1.0338, 0.6700,
1.9928

229.8495,

 0.0000, 0.0000,

225.2188, 288.7875

0.5509

277.0412,
272.6411, 346.1730

■ 0.0000, 0.0000,
0.0000

■ 38.3293, 35.3914,
51.8248

■ 38.3293, 35.3914,
51.8248

■ 34.3372, 29.1783,
50.8365

■ 42.8497, 42.5891,
52.9764

■ 30.8474, 23.9002,
50.0017

■ 47.9166, 50.8090,
54.2959

■ 27.8361, 19.5102,
49.3130

■ 53.5512, 60.0920,
55.7908

■ 25.2764, 15.9551,
48.7617

■ 59.7728, 70.4758,
57.4671

■ 23.1386, 13.1762,
48.3380

■ 66.5994, 81.9958,
59.3309

■ 21.3888, 11.1067,
48.0308

■ 71.0414, 88.6720,
60.3854

■ 19.9876, 9.6687,
47.8271

■ 72.5793, 89.4649,
60.4574

■ 18.8682, 8.7294,
47.7048

■ 74.1684, 90.2841,
60.5318

■ 18.7327, 8.6209,
47.6910

■ 75.8092, 91.1299,
60.6086

Harmonies

Analogous

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



35.4623, 35.3914, 57.9210



38.3293, 35.3914, 51.8248



39.9822, 35.3914, 42.6387

Triad

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



38.3293, 35.3914, 51.8248



35.0423, 35.3914, 23.8165



28.1006, 35.3914, 43.8979

Complementary

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



38.3293, 35.3914, 51.8248



38.3394, 45.4900, 36.4672

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.



28.0040, 35.3914, 34.7038



38.3293, 35.3914, 51.8248



31.8783, 35.3914, 24.0438

Square

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



38.3293, 35.3914, 51.8248



38.0052, 35.3914, 27.0574



29.3469, 35.3914, 27.7372



29.6197, 35.3914, 52.8715

Rectangle

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



38.3293, 35.3914, 51.8248



40.1089, 35.3914, 36.4415



29.3469, 35.3914, 27.7372



27.9042, 35.3914, 40.7077

Sweetspot

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



38.3304, 35.3929, 51.8256



79.0221, 79.9499, 95.4684



34.9285, 36.2819, 52.1765



17.2751, 17.4015, 20.9909



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



38.3304, 35.3929, 51.8256



65.9380, 59.1361, 92.1405



39.9610, 36.3180, 48.0848



9.6571, 9.5556, 12.0076



12.9807, 5.9779, 32.8626



0.5698, 0.2658, 1.2901

Inverse Universe

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



38.2446, 35.6314, 39.0460



65.8128, 59.6658, 65.2898



36.9785, 44.7202, 39.4853



9.6393, 9.5800, 10.4893



14.5972, 7.4701, 3.1727



0.6010, 0.3043, 0.2781

Previews

White Background



This preview shows how the XYZ color 38.3293, 35.3914, 51.8248 looks on a white background.

Color Contrast Check

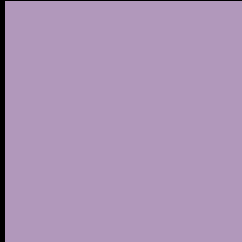
Large Text (above 18pt) WCAG AA × Fail

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 38.3293, 35.3914, 51.8248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

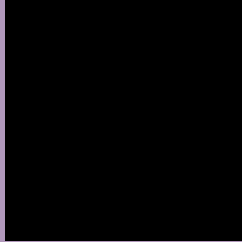
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.3293, 35.3914, 51.8248

Background



This preview shows how black text looks on a background with the XYZ color 38.3293, 35.3914, 51.8248.



This preview shows how white text looks on a background with the XYZ color 38.3293, 35.3914,

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

38.3293, 35.3914, 51.8248

Protanopia

35.2390, 35.4721, 54.8587

Deuteranopia

36.2297, 35.5516, 51.4070



Tritanopia

36.2448, 35.2685, 41.9430

Trichromacy



Original Color

38.3293, 35.3914, 51.8248

Protanomaly

36.0830, 35.1760, 53.6031

Deuteranomaly

36.9465, 35.4229, 51.3444

Tritanomaly

36.9727, 35.3203, 45.4263

Monochromacy



Original Color

38.3293, 35.3914, 51.8248

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.9930, 36.0997, 44.1006

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.3293, 35.3914, 51.8248 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(177, 152, 187)` looks like.

```
.text, #text, p{  
    color:rgb(177, 152, 187)  
}
```

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(177, 152, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 152, 187) }
```

Border

The CSS property to change the border of an element to XYZ 38.3293, 35.3914, 51.8248 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(177, 152, 187) }
```


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

```
.border{ border-color:rgb(177, 152, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 152, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 152, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 152, 187);  
box-shadow:4px 4px 4px 4px rgb(177, 152,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 38.3293, 35.3914, 51.8248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 152, 187) }
```

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

```
.background{ background-color: rgb(177,  
152, 187) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor