

Converting Colors

XYZ(38.4650, 32.6496, 65.5265)

Have a look what the booklet for
XYZ(38.4650, 32.6496, 65.5265)
contains.

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Color

**XYZ(38.3913, 32.5871,
65.2393)**

Conversions

Conversions Part 1

Format	Color
Hex	AD8DD2
RGB	173, 141, 210
RGB Percent	68%, 55%, 82%
CMY	0.3216, 0.4470, 0.1765
CMYK	0.18, 0.33, 0.00, 0.18
HSL	268°, 43%, 69%
HSV	268°, 33%, 82%
XYZ	38.3913, 32.5871, 65.2393
YIQ	158.4340, -3.0770, 28.2430

Conversions

Conversions Part 2

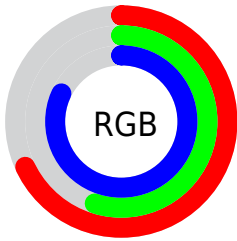
Format	Color
RYB	173, 141, 210
Decimal	11374034
CIELab	63.83, 25.53, -30.98
CIElCh	64, 40.142, 309.490
Yxy	32.5871, 0.2818, 0.2392
Android (android.graphics.Color)	4289564114 (0xFFAD8DD2)
YUV	158.4340, 25.4220, 12.7744
Hunter-Lab	57.0851, 20.1472, -27.7996

Details

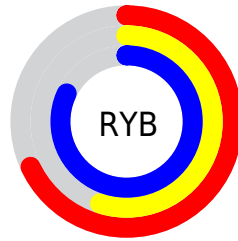
The XYZ color **38.3913, 32.5871, 65.2393** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **46.2154, 57.4820, 33.8600**, and the grayscale version is **32.5864, 34.2835, 37.3347**.

A 20% lighter version of the original color is **69.8782, 62.9082, 103.0673**, and **17.3183, 13.6720, 32.7365** is the 20% darker color. If you saturate the color by 10%, you get **33.1976, 25.7412, 64.1922**, and if you desaturate by 10%, it is **44.3842, 40.7180, 66.4934**.

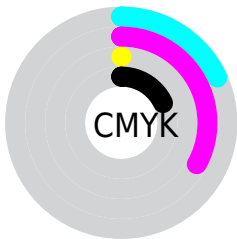
Distribution



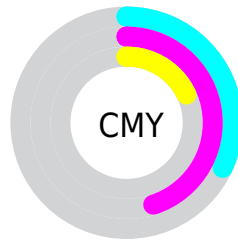
- Red (68%)
- Green (55%)
- Blue (82%)



- Red (68%)
- Yellow (55%)
- Blue (82%)



- Cyan (18%)
- Magenta (33%)
- Yellow (0%)
- Black (18%)





- Cyan (32%)
- Magenta (45%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.3913, 32.5871, 65.2393 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 38.3913, 32.5871, 65.2393 by changing the saturation by 10% instead.


 38.3913, 32.5871,
65.2393

 38.3913, 32.5871,
65.2393


330.5475,
313.7851, 461.9811


 26.4651, 21.8103,
47.2026


 72.0075, 63.7304,
114.0104

 17.3064, 13.7176,
32.8403


 94.4283, 84.8656,
145.5818

 10.5499, 7.9245,
21.7340


 121.0780,
110.2225, 182.5019

 5.8301, 4.0467,
13.4652

152.3219,
140.1854, 225.1892

 2.7817, 1.6997,
7.6152

188.5255,
175.1387, 274.0623

 1.0394, 0.4235,
3.7655

230.0541,

 0.0000, 0.0000,

215.4668, 329.5396

1.4976

277.2729,
261.5542, 392.0397

■ 0.0000, 0.0000,
0.2161

■ 0.0000, 0.0000,
0.0000

■ 38.3913, 32.5871,
65.2393

■ 38.3913, 32.5871,
65.2393

■ 33.1976, 25.7412,
64.1922

■ 44.3842, 40.7180,
66.4934

■ 28.7613, 20.1072,
63.3385

■ 51.2085, 50.1937,
67.9627

■ 25.0417, 15.6103,
62.6666

■ 58.8988, 61.0751,
69.6577

■ 21.9921, 12.1657,
62.1624

■ 67.4864, 73.4182,
71.5875

19.5594, 9.6761,
61.8101

77.0010, 87.2756,
73.7608

17.6809, 8.0247,
61.5904

83.5212, 94.7980,
74.8691

16.6045, 7.2161,
61.4910

87.4759, 96.8367,
75.0542

88.6330, 97.4332,
75.1084

Harmonies

Analogous

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



32.7951, 32.5871, 75.7575



38.3913, 32.5871, 65.2393



42.2764, 32.5871, 47.5090

Triad

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



38.3913, 32.5871, 65.2393



34.9286, 32.5871, 13.6234



21.4640, 32.5871, 40.8510

Complementary

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



38.3913, 32.5871, 65.2393



46.2154, 57.4820, 33.8600

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.



21.8887, 32.5871, 25.6779



38.3913, 32.5871, 65.2393



29.2198, 32.5871, 12.8244

Square

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



38.3913, 32.5871, 65.2393



40.1150, 32.5871, 19.1735



24.5778, 32.5871, 16.5105



23.3376, 32.5871, 59.1147

Rectangle

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



38.3913, 32.5871, 65.2393



43.1271, 32.5871, 35.7587



24.5778, 32.5871, 16.5105



21.3483, 32.5871, 35.2064

Sweetspot

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



38.3924, 32.5884, 65.2400



82.5949, 82.2939, 106.1388



38.7285, 42.5372, 67.1426



17.3281, 17.1208, 22.6413



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.



38.3924, 32.5884, 65.2400



54.1314, 43.3570, 100.1234



46.7652, 36.9048, 65.6319



11.6773, 11.6825, 14.8831



10.2420, 4.4602, 37.5136



0.6638, 0.2964, 2.1018

Inverse Universe

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



44.1401, 35.9670, 46.7365



64.5467, 49.4836, 66.3920



39.4357, 53.9870, 33.5427



12.0700, 11.9127, 13.6442



18.0684, 9.1002, 10.5325



1.0501, 0.5248, 0.7989

Previews

White Background



This preview shows how the XYZ color 38.3913, 32.5871, 65.2393 looks on a white background.

Color Contrast Check

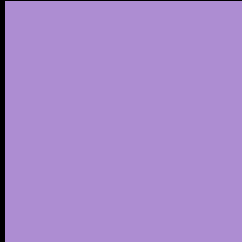
Large Text (above 18pt) WCAG AA × Fail

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 38.3913, 32.5871, 65.2393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

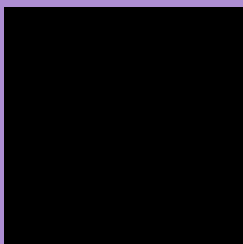
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.3913, 32.5871, 65.2393

Background



This preview shows how black text looks on a background with the XYZ color 38.3913, 32.5871, 65.2393.



This preview shows how white text looks on a background with the XYZ color 38.3913, 32.5871,

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

38.3913, 32.5871, 65.2393

Protanopia

34.0089, 32.9653, 71.5883

Deuteranopia

33.4286, 32.5860, 64.2024



Tritanopia

32.9450, 32.4207, 38.7038

Trichromacy



Original Color

38.3913, 32.5871, 65.2393

Protanomaly

35.3549, 32.7487, 69.4235

Deuteranomaly

35.0474, 32.4587, 64.7395

Tritanomaly

34.7189, 32.4469, 47.0808

Monochromacy



Original Color

38.3913, 32.5871, 65.2393

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

34.2683, 33.4173, 46.2390

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.3913, 32.5871, 65.2393 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, 141, 210)` looks like.

```
.text, #text, p{  
    color:rgb(173, 141, 210)  
}
```

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, 141, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 141, 210) }
```

Border

The CSS property to change the border of an element to XYZ 38.3913, 32.5871, 65.2393 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, 141, 210) }
```


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

```
.border{ border-color:rgb(173, 141, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 141, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 141, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 141, 210);  
box-shadow:4px 4px 4px 4px rgb(173, 141,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 38.3913, 32.5871, 65.2393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 141, 210) }
```

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

```
.background{ background-color: rgb(173,  
141, 210) }
```

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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