

Converting Colors

XYZ(38.8430, 20.8742, 60.3789)

Have a look what the booklet for
XYZ(38.8430, 20.8742, 60.3789)
contains.

XYZ(38.8982, 20.9378, 60.3838)	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(38.8982, 20.9378,
60.3838)**

Conversions

Conversions Part 1

Format	Color
Hex	D139CE
RGB	209, 57, 206
RGB Percent	82%, 22%, 81%
CMY	0.1804, 0.7764, 0.1922
CMYK	0.00, 0.73, 0.01, 0.18
HSL	301°, 62%, 52%
HSV	301°, 73%, 82%
XYZ	38.8982, 20.9378, 60.3838
YIQ	119.4340, 42.7630, 78.5630

Conversions

Conversions Part 2

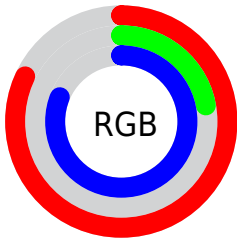
Format	Color
RYB	209, 57, 206
Decimal	13711822
CIELab	52.88, 74.32, -45.56
CIELCh	53, 87.171, 328.493
Yxy	20.9378, 0.3236, 0.1742
Android (android.graphics.Color)	4291901902 (0xFFD139CE)
YUV	119.4340, 42.6770, 78.5494
Hunter-Lab	45.7578, 71.6645, -46.2109

Details

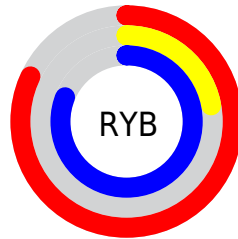
The XYZ color **38.8982, 20.9378, 60.3838** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **25.3044, 46.7980, 11.9754**, and the grayscale version is **17.5328, 18.4458, 20.0875**.

A 20% lighter version of the original color is **65.8868, 41.6737, 99.1789**, and **18.1636, 8.7184, 30.0036** is the 20% darker color. If you saturate the color by 10%, you get **38.0196, 19.2600, 59.8441**, and if you desaturate by 10%, it is **40.2035, 23.4675, 61.0667**.

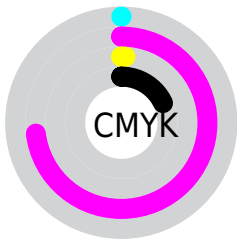
Distribution



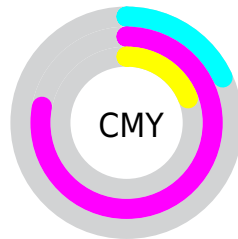
- Red (82%)
- Green (22%)
- Blue (81%)



- Red (82%)
- Yellow (22%)
- Blue (81%)



- Cyan (0%)
- Magenta (73%)
- Yellow (1%)
- Black (18%)





- Cyan (18%)
- Magenta (78%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.8982, 20.9378, 60.3838 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 38.8982, 20.9378, 60.3838 by changing the saturation by 10% instead.


 38.8982, 20.9378,
60.3838


 38.8982, 20.9378,
60.3838


332.6721,
256.9478, 443.8549


 26.8609, 13.0785,
43.3007


 72.7778, 44.9840,
106.9350


 17.6048, 7.4827,
29.7880


 95.3509, 61.9397,
137.2403

 10.7646, 3.7657,
19.4270


 122.1666, 82.6964,
172.7900

 5.9749, 1.5434,
11.7993

 153.5903,
107.6384, 214.0028

 2.8703, 0.3190,
6.4863

 189.9873,
137.1502, 261.2971

 1.0856, 0.0000,
3.0694

231.7231,

 0.0130, 0.0000,

171.6160, 315.0915

1.1302

279.1629,
211.4204, 375.8046

■ 0.0000, 0.0000,
0.0000

■ 38.8982, 20.9378,
60.3838

■ 38.8982, 20.9378,
60.3838

■ 38.0196, 19.2600,
59.8441

■ 40.2035, 23.4675,
61.0667

■ 37.5092, 18.3193,
59.4276

■ 41.9797, 26.9393,
61.9071

■ 37.2992, 17.9572,
59.1787

■ 44.2679, 31.4350,
62.9188

■ 47.1043, 37.0268,
64.1139

■ 50.5217, 43.7805,
65.5033

■ 54.5505, 51.7565,
67.0971

■ 59.2186, 61.0112,
68.9047

■ 64.5526, 71.5975,
70.9349

■ 70.5775, 83.5651,
73.1961

Harmonies

Analogous

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



29.4886, 20.9378, 101.5007



38.8982, 20.9378, 60.3838



43.0694, 20.9378, 24.1440

Triad

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



38.8982, 20.9378, 60.3838



20.3654, 20.9378, 0.2820



8.1285, 20.9378, 56.1099

Complementary

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



38.8982, 20.9378, 60.3838



25.3044, 46.7980, 11.9754

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.



7.0179, 20.9378, 21.5024



38.8982, 20.9378, 60.3838



12.6553, 20.9378, 1.0191

Square

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



38.8982, 20.9378, 60.3838



30.5389, 20.9378, 1.1946



8.3850, 20.9378, 5.3393



12.0738, 20.9378, 97.9683

Rectangle

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



38.8982, 20.9378, 60.3838



41.5826, 20.9378, 10.2943



8.3850, 20.9378, 5.3393



7.4763, 20.9378, 42.7152

Sweetspot

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



38.8990, 20.9388, 60.3842



79.5126, 69.2097, 102.8437



14.8082, 8.4770, 61.1782



16.6817, 14.1466, 21.8773



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.



38.8990, 20.9388, 60.3842



59.1408, 29.2972, 93.4910



31.8193, 18.1069, 23.1032



12.3003, 12.0049, 14.8573



23.0019, 11.0736, 36.5116



1.2894, 0.6205, 2.0588

Inverse Universe

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



38.8990, 20.9388, 60.3842



59.1408, 29.2972, 93.4910



28.8997, 48.2361, 30.9080



12.3003, 12.0049, 14.8573



23.0019, 11.0736, 36.5116



1.2894, 0.6205, 2.0588

Previews

White Background



This preview shows how the XYZ color 38.8982, 20.9378, 60.3838 looks on a white background.

Color Contrast Check

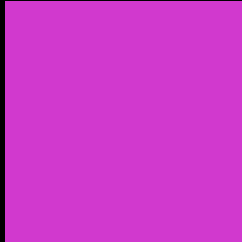
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.8982, 20.9378, 60.3838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

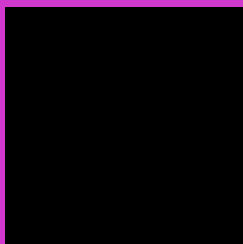
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 38.8982, 20.9378, 60.3838

Background



This preview shows how black text looks on a background with the XYZ color 38.8982, 20.9378, 60.3838.



This preview shows how white text looks on a background with the XYZ color 38.8982, 20.9378,

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

38.8982, 20.9378, 60.3838

Protanopia

25.6367, 21.4624, 97.3992

Deuteranopia

21.7248, 21.1372, 54.5646



Tritanopia

29.3776, 20.8153, 14.7813

Trichromacy



Original Color

38.8982, 20.9378, 60.3838



Protanomaly

24.5835, 17.3912, 82.1819



Deuteranomaly

24.9542, 18.5818, 56.3042



Tritanomaly

31.6900, 20.1664, 26.6484

Monochromacy



Original Color

38.8982, 20.9378, 60.3838



Achromatopsia

17.5343, 18.4475, 20.0893



Achromatomaly

22.7177, 17.2755, 31.4153

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.8982, 20.9378, 60.3838 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(209, 57, 206)` looks like.

```
.text, #text, p{  
    color:rgb(209, 57, 206)  
}
```

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(209, 57, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 57, 206) }
```

Border

The CSS property to change the border of an element to XYZ 38.8982, 20.9378, 60.3838 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(209, 57, 206) }
```


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

```
.border{ border-color:rgb(209, 57, 206) }
```

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

Here you see how a box with a 4 pixel rgb(209, 57, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 57, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 57, 206);  
box-shadow:4px 4px 4px 4px rgb(209, 57,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 38.8982, 20.9378, 60.3838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 57, 206) }
```

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

```
.background{ background-color: rgb(209, 57,  
206) }
```

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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