

Converting Colors

XYZ(19.3959, 38.4393, 7.5520)

Have a look what the booklet for
XYZ(19.3959, 38.4393, 7.5520)
contains.

XYZ(19.2917, 38.2286, 7.5245)	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(19.2917, 38.2286,
7.5245)**

Conversions

Conversions Part 1

Format	Color
Hex	00C11D
RGB	0, 193, 29
RGB Percent	0%, 76%, 11%
CMY	1.0000, 0.2431, 0.8862
CMYK	1.00, 0.00, 0.85, 0.24
HSL	129°, 100%, 38%
HSV	129°, 100%, 76%
XYZ	19.2917, 38.2286, 7.5245
YIQ	116.5970, -62.3840, -91.9200

Conversions

Conversions Part 2

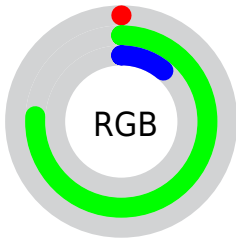
Format	Color
RYB	0, 168, 193
Decimal	49437
CIELab	68.19, -69.04, 63.08
CIELCh	68, 93.518, 137.583
Yxy	38.2286, 0.2966, 0.5877
Android (android.graphics.Color)	4278239517 (0xFF00C11D)
YUV	116.5970, -43.1853, -102.2556
Hunter-Lab	61.8293, -52.5065, 36.0650

Details

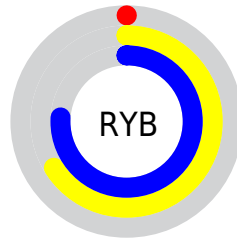
The XYZ color **19.2917, 38.2286, 7.5245** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **28.6935, 14.0180, 36.3124**, and the grayscale version is **16.9278, 17.8094, 19.3944**.

A 20% lighter version of the original color is **41.7095, 72.4992, 21.4683**, and **9.0885, 18.1770, 3.0295** is the 20% darker color. If you saturate the color by 10%, you get **19.2926, 38.2302, 7.5254**, and if you desaturate by 10%, it is **19.8267, 38.4756, 8.9057**.

Distribution



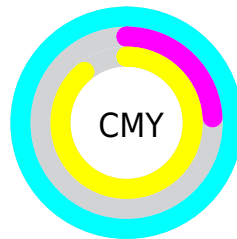
- Red (0%)
- Green (76%)
- Blue (11%)



- Red (0%)
- Yellow (66%)
- Blue (76%)



- Cyan (100%)
- Magenta (0%)
- Yellow (85%)
- Black (24%)





- Cyan (100%)
- Magenta (24%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 19.2917, 38.2286, 7.5245 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 19.2917, 38.2286, 7.5245 by changing the saturation by 10% instead.


 19.2917, 38.2286,
7.5245


 19.2917, 38.2286,
7.5245


240.9617,
338.5996, 181.7464


 11.9865, 26.1602,
3.7088


 41.7395, 72.4584,
21.5514

 6.8066, 16.9435,
1.4670


 57.6128, 95.3885,
32.5998


 3.3867, 10.1942,
0.1932


 77.0729, 122.7080,
46.8961

 1.3614, 5.5279,
0.0000

 100.4850,
154.8013, 64.8590

 0.2285, 2.5602,
0.0000

 128.2146,
192.0526, 86.9069

 0.0000, 0.9067,
0.0000

 160.6270,

 0.0000, 0.0000,

234.8466, 113.4584

0.0000

198.0876,
283.5674, 144.9321

■ 19.2917, 38.2286,
7.5245

■ 19.2917, 38.2286,
7.5245

■ 19.2926, 38.2302,
7.5254

■ 19.8267, 38.4756,
8.9057

■ 20.7566, 38.9107,
10.9464

■ 22.1925, 39.5911,
13.7190

■ 24.1953, 40.5467,
17.2842

■ 26.8172, 41.8034,
21.6963

■ 30.1042, 43.3838,
27.0049

■ 34.0980, 45.3085,
33.2559

■ 38.8370, 47.5963,
40.4917

■ 44.3566, 50.2646,
48.7525

Harmonies

Analogous

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



28.4924, 38.2286, 2.3907



19.2917, 38.2286, 7.5245



15.2261, 38.2286, 26.6113

Triad

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



19.2917, 38.2286, 7.5245



30.6234, 38.2286, 180.0004



70.2319, 38.2286, 21.7438

Complementary

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



19.2917, 38.2286, 7.5245



28.6935, 14.0180, 36.3124

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.



71.2537, 38.2286, 61.4305



19.2917, 38.2286, 7.5245



45.4992, 38.2286, 175.0641

Square

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



19.2917, 38.2286, 7.5245



20.4897, 38.2286, 133.7485



61.2700, 38.2286, 122.8900



58.7681, 38.2286, 6.0012

Rectangle

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



19.2917, 38.2286, 7.5245



14.9968, 38.2286, 53.1698



61.2700, 38.2286, 122.8900



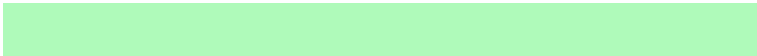
71.9002, 38.2286, 31.8845

Sweetspot

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



19.2926, 38.2302, 7.5254



60.7021, 80.9686, 58.9942



34.3915, 46.0396, 7.0739



12.3421, 17.0424, 11.5979



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



19.2926, 38.2302, 7.5254



34.4974, 68.4462, 13.1901



22.8014, 39.6337, 26.0022



10.0048, 11.2830, 11.0284



12.8502, 25.4341, 5.1042



0.5753, 1.1070, 0.3264

Inverse Universe

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



28.6935, 14.0180, 36.3124



51.3149, 25.0761, 64.6470



23.0229, 11.7498, 6.4518



10.4301, 10.2207, 12.3555



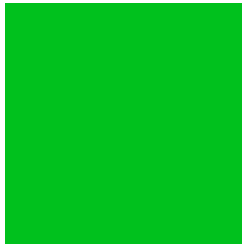
19.1073, 9.3327, 24.2748



0.8436, 0.4105, 1.1439

Previews

White Background



This preview shows how the XYZ color 19.2917, 38.2286, 7.5245 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 19.2917, 38.2286, 7.5245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

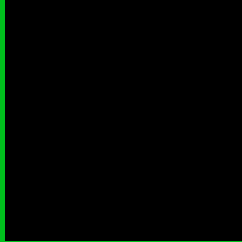
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

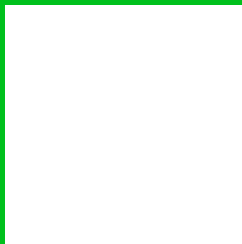
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.2917, 38.2286, 7.5245

Background



This preview shows how black text looks on a background with the XYZ color 19.2917, 38.2286, 7.5245.



This preview shows how white text looks on a background with the XYZ color 19.2917, 38.2286,

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

19.2917, 38.2286, 7.5245

Protanopia

33.8402, 37.4035, 6.1455

Deuteranopia

38.3648, 37.6096, 8.2550



Tritanopia

29.4522, 38.2869, 56.8768

Trichromacy



Original Color

19.2917, 38.2286, 7.5245



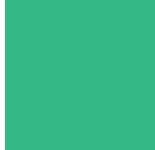
Protanomaly

22.9661, 34.5774, 6.3278



Deuteranomaly

24.3084, 33.8222, 7.4376



Tritanomaly

23.0682, 37.1492, 28.5090

Monochromacy



Original Color

19.2917, 38.2286, 7.5245



Achromatopsia

16.9083, 17.7888, 19.3720



Achromatomaly

14.5891, 22.3625, 12.1418

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2917, 38.2286, 7.5245 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(0, 193, 29)` looks like.

```
.text, #text, p{  
    color:rgb(0, 193, 29)  
}
```

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(0, 193, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 193, 29) }
```

Border

The CSS property to change the border of an element to XYZ 19.2917, 38.2286, 7.5245 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(0, 193, 29) }
```


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

```
.border{ border-color:rgb(0, 193, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 193, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 193, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 193, 29);  
box-shadow:4px 4px 4px 4px rgb(0, 193, 29)  
}
```

Background

The CSS property to change the background color of an element to XYZ 19.2917, 38.2286, 7.5245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 193, 29) }
```

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

```
.background{ background-color: rgb(0, 193,  
29) }
```

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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