

Converting Colors

XYZ(11.5921, 20.9232, 10.8343)

Have a look what the booklet for
XYZ(11.5921, 20.9232, 10.8343)
contains.

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Color

**XYZ(11.5367, 20.8153,
10.8068)**

Conversions

Conversions Part 1

Format	Color
Hex	00914F
RGB	0, 145, 79
RGB Percent	0%, 57%, 31%
CMY	1.0000, 0.4314, 0.6902
CMYK	1.00, 0.00, 0.46, 0.43
HSL	153°, 100%, 28%
HSV	153°, 100%, 57%
XYZ	11.5367, 20.8153, 10.8068
YIQ	94.1210, -65.2340, -51.2660

Conversions

Conversions Part 2

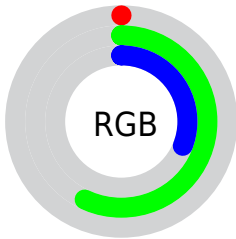
Format	Color
RYB	0, 94, 145
Decimal	37199
CIELab	52.75, -48.76, 25.93
CIELCh	53, 55.226, 151.997
Yxy	20.8153, 0.2673, 0.4823
Android (android.graphics.Color)	4278227279 (0xFF00914F)
YUV	94.1210, -7.4547, -82.5441
Hunter-Lab	45.6238, -34.7051, 17.8928

Details

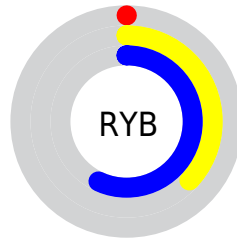
The XYZ color **11.5367, 20.8153, 10.8068** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **12.6612, 6.4136, 5.7264**, and the grayscale version is **10.6970, 11.2541, 12.2557**.

A 20% lighter version of the original color is **28.2729, 44.7784, 27.9218**, and **4.1889, 7.9385, 2.7504** is the 20% darker color. If you saturate the color by 10%, you get **11.5370, 20.8160, 10.8065**, and if you desaturate by 10%, it is **11.9786, 21.0145, 12.1451**.

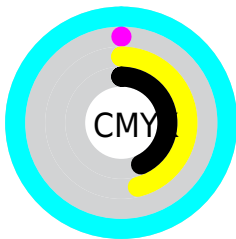
Distribution



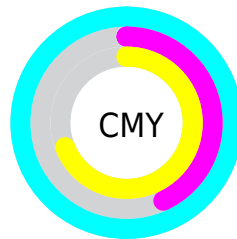
- Red (0%)
- Green (57%)
- Blue (31%)



- Red (0%)
- Yellow (37%)
- Blue (57%)



- Cyan (100%)
- Magenta (0%)
- Yellow (46%)
- Black (43%)



- Cyan (100%)
- Magenta (43%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.5367, 20.8153, 10.8068 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 11.5367, 20.8153, 10.8068 by changing the saturation by 10% instead.

■ 11.5367, 20.8153,
10.8068

■ 11.5367, 20.8153,
10.8068

195.1467,
256.2953, 207.0269

■ 6.4990, 12.9891,
5.8245

■ 28.2727, 44.7799,
27.9335

■ 3.1943, 7.4210,
2.6716

■ 40.7017, 61.6871,
40.9151

■ 1.2573, 3.7268,
0.9291

■ 56.3251, 82.3901,
57.4001

■ 0.1509, 1.5219,
0.0000

■ 75.5084, 107.2732,
77.8072

■ 0.0000, 0.3041,
0.0000

■ 98.6168, 136.7209,
102.5549

■ 0.0000, 0.0000,
0.0000

■ 126.0158,

171.1175, 132.0617

158.0706,
210.8475, 166.7462

■ 11.5367, 20.8153,
10.8068

■ 11.5367, 20.8153,
10.8068

■ 11.5370, 20.8160,
10.8065

■ 11.9786, 21.0145,
12.1451

■ 12.5734, 21.2891,
13.6182

■ 13.3863, 21.6733,
15.2329

■ 14.4419, 22.1796,
16.9936

■ 15.7613, 22.8189,
18.9042

■ 17.3633, 23.6007,
20.9688

■ 19.2648, 24.5337,
23.1909

■ 21.4813, 25.6259,
25.5742

■ 24.0273, 26.8847,
28.1221

Harmonies

Analogous

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



14.4828, 20.8153, 5.0154



11.5367, 20.8153, 10.8068



10.6606, 20.8153, 23.7863

Triad

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



11.5367, 20.8153, 10.8068



20.1723, 20.8153, 71.3554



30.7262, 20.8153, 9.6812

Complementary

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



11.5367, 20.8153, 10.8068



12.6612, 6.4136, 5.7264

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.



33.0261, 20.8153, 21.5782



11.5367, 20.8153, 10.8068



26.2435, 20.8153, 61.5454

Square

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



11.5367, 20.8153, 10.8068



15.0319, 20.8153, 63.7193



31.2461, 20.8153, 41.0295



25.4456, 20.8153, 4.6223

Rectangle

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



11.5367, 20.8153, 10.8068



11.1982, 20.8153, 36.7215



31.2461, 20.8153, 41.0295



31.9151, 20.8153, 12.7487

Sweetspot

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



11.5372, 20.8161, 10.8073



34.2676, 43.8209, 41.2702



12.4870, 21.4688, 3.4860



7.3279, 9.6034, 8.8433



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



11.5372, 20.8161, 10.8073



20.5715, 37.2416, 18.8845



14.5140, 20.8502, 30.0486



5.4580, 6.0754, 6.3779



9.9085, 17.8593, 9.3383



0.1059, 0.1752, 0.1479

Inverse Universe

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



12.6612, 6.4136, 5.7264



22.5875, 11.4507, 9.8019



11.7301, 6.1251, 0.5643



5.5046, 5.4624, 6.1550



10.8722, 5.5059, 4.9784



0.1148, 0.0570, 0.1049

Previews

White Background



This preview shows how the XYZ color 11.5367, 20.8153, 10.8068 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 11.5367, 20.8153, 10.8068 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 11.5367, 20.8153, 10.8068

Background



This preview shows how black text looks on a background with the XYZ color 11.5367, 20.8153, 10.8068.



This preview shows how white text looks on a background with the XYZ color 11.5367, 20.8153,

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

11.5367, 20.8153, 10.8068

Protanopia

18.8198, 20.4535, 9.0869

Deuteranopia

20.9338, 20.5728, 11.4620



Tritanopia

15.8123, 20.8137, 31.2010

Trichromacy



Original Color

11.5367, 20.8153, 10.8068



Protanomaly

13.4517, 19.0368, 9.6221



Deuteranomaly

14.1309, 18.7579, 11.0595



Tritanomaly

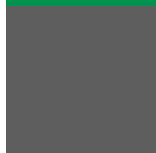
13.6129, 20.5263, 21.9834

Monochromacy



Original Color

11.5367, 20.8153, 10.8068



Achromatopsia

10.6392, 11.1932, 12.1894



Achromatomaly

9.5718, 13.4922, 11.5510

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5367, 20.8153, 10.8068 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, 145, 79)` looks like.

```
.text, #text, p{  
    color:rgb(0, 145, 79)  
}
```

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, 145, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 145, 79) }
```

Border

The CSS property to change the border of an element to XYZ 11.5367, 20.8153, 10.8068 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, 145, 79) }
```


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

```
.border{ border-color:rgb(0, 145, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 145, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 145, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 145, 79);  
box-shadow:4px 4px 4px 4px rgb(0, 145, 79)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.5367, 20.8153, 10.8068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 145, 79) }
```

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

```
.background{ background-color: rgb(0, 145,  
79) }
```

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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