

Converting Colors

XYZ(7.5342, 18.1170, 5.5205)

Have a look what the booklet for
XYZ(7.5342, 18.1170, 5.5205)
contains.

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Color

**XYZ(10.1276, 19.5279,
5.6183)**

Conversions

Conversions Part 1

Format	Color
Hex	008E2C
RGB	0, 142, 44
RGB Percent	0%, 56%, 17%
CMY	1.0000, 0.4431, 0.8274
CMYK	1.00, 0.00, 0.69, 0.44
HSL	139°, 100%, 28%
HSV	139°, 100%, 56%
XYZ	10.1276, 19.5279, 5.6183
YIQ	88.3700, -53.1740, -60.5820

Conversions

Conversions Part 2

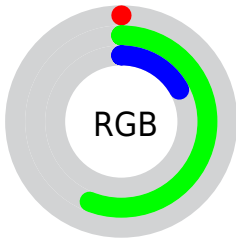
Format	Color
RYB	0, 108, 142
Decimal	36396
CIELab	51.30, -53.04, 41.58
CIELCh	51, 67.393, 141.909
Yxy	19.5279, 0.2871, 0.5536
Android (android.graphics.Color)	4278226476 (0xFF008E2C)
YUV	88.3700, -21.8744, -77.5005
Hunter-Lab	44.1904, -36.4243, 23.3952

Details

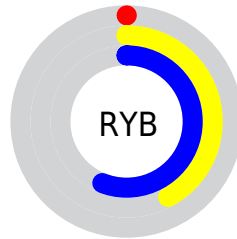
The XYZ color **10.1276, 19.5279, 5.6183** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **13.3604, 6.6329, 12.1314**, and the grayscale version is **9.4120, 9.9021, 10.7834**.

A 20% lighter version of the original color is **25.6880, 42.6435, 17.7036**, and **3.6562, 7.3123, 1.2187** is the 20% darker color. If you saturate the color by 10%, you get **10.1281, 19.5287, 5.6187**, and if you desaturate by 10%, it is **10.5189, 19.7063, 6.7151**.

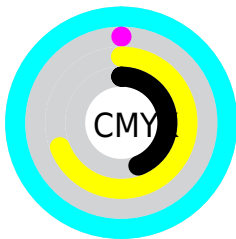
Distribution



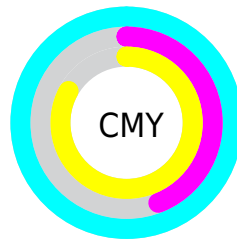
- Red (0%)
- Green (56%)
- Blue (17%)



- Red (0%)
- Yellow (42%)
- Blue (56%)



- Cyan (100%)
- Magenta (0%)
- Yellow (69%)
- Black (44%)



- Cyan (100%)
- Magenta (44%)
- Yellow (83%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.1276, 19.5279, 5.6183 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 10.1276, 19.5279, 5.6183 by changing the saturation by 10% instead.

■ 10.1276, 19.5279,
5.6183

■ 10.1276, 19.5279,
5.6183

185.6150,
249.3478, 164.8005

■ 5.5466, 12.0523,
2.5494

■ 25.6827, 42.6242,
17.5971

■ 2.6094, 6.7793,
0.8662

■ 37.3875, 59.0138,
27.3441

■ 0.9507, 3.3245,
0.0000

■ 52.1976, 79.1435,
40.1543

■ 0.0000, 1.3034,
0.0000

■ 70.4784, 103.3977,
56.4460

■ 0.0000, 0.1438,
0.0000

■ 92.5951, 132.1609,
76.6380

■ 0.0000, 0.0000,
0.0000

■ 118.9133,

165.8173, 101.1487

149.7981,
204.7515, 130.3967

■ 10.1276, 19.5279,
5.6183

■ 10.1276, 19.5279,
5.6183

■ 10.1281, 19.5287,
5.6187

■ 10.5189, 19.7063,
6.7151

■ 11.0775, 19.9651,
8.0612

■ 11.8690, 20.3383,
9.6737

■ 12.9186, 20.8385,
11.5661

■ 14.2480, 21.4769,
13.7511

■ 15.8764, 22.2629,
16.2405

■ 17.8214, 23.2055,
19.0456

■ 20.0991, 24.3128,
22.1770

■ 22.7246, 25.5922,
25.6447

Harmonies

Analogous

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



14.1401, 19.5279, 2.0851



10.1276, 19.5279, 5.6183



8.4733, 19.5279, 16.4630

Triad

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



10.1276, 19.5279, 5.6183



16.7989, 19.5279, 83.0763



33.3353, 19.5279, 10.2180

Complementary

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



10.1276, 19.5279, 5.6183



13.3604, 6.6329, 12.1314

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.



34.5398, 19.5279, 26.9146



10.1276, 19.5279, 5.6183



23.8182, 19.5279, 77.4837

Square

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



10.1276, 19.5279, 5.6183



11.6694, 19.5279, 65.7803



30.7169, 19.5279, 53.2851



27.7395, 19.5279, 3.4021

Rectangle

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



10.1276, 19.5279, 5.6183



8.5623, 19.5279, 29.8609



30.7169, 19.5279, 53.2851



34.3138, 19.5279, 14.4969

Sweetspot

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



10.1281, 19.5287, 5.6187



31.1943, 40.8072, 33.2587



14.8630, 22.0222, 3.4673



6.6728, 8.9715, 7.0090



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



10.1281, 19.5287, 5.6187



17.7933, 34.4094, 9.5607



12.6881, 20.5527, 19.0995



5.4074, 6.0552, 6.1114



9.1007, 17.5361, 5.0843



0.0960, 0.1713, 0.0961

Inverse Universe

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



13.3604, 6.6329, 12.1314



23.4832, 11.6657, 20.9929



11.3702, 5.8368, 1.6512



5.5561, 5.4830, 6.4263



12.0036, 5.9585, 10.9364



0.1247, 0.0609, 0.1568

Previews

White Background



This preview shows how the XYZ color 10.1276, 19.5279, 5.6183 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 10.1276, 19.5279, 5.6183 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 10.1276, 19.5279, 5.6183

Background



This preview shows how black text looks on a background with the XYZ color 10.1276, 19.5279, 5.6183.



This preview shows how white text looks on a background with the XYZ color 10.1276, 19.5279,

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

10.1276, 19.5279, 5.6183

Protanopia

17.4791, 19.2998, 4.7234

Deuteranopia

19.6505, 19.3271, 6.0630



Tritanopia

15.0904, 19.6578, 28.9856

Trichromacy



Original Color

10.1276, 19.5279, 5.6183



Protanomaly

12.1810, 17.8868, 4.9083



Deuteranomaly

12.7332, 17.3843, 5.7020



Tritanomaly

12.2210, 19.0632, 16.9454

Monochromacy



Original Color

10.1276, 19.5279, 5.6183



Achromatopsia

9.2757, 9.7587, 10.6273



Achromatomaly

8.1631, 12.0338, 8.0234

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.1276, 19.5279, 5.6183 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, 142, 44)` looks like.

```
.text, #text, p{  
    color:rgb(0, 142, 44)  
}
```

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, 142, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 142, 44) }
```

Border

The CSS property to change the border of an element to XYZ 10.1276, 19.5279, 5.6183 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, 142, 44) }
```


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

```
.border{ border-color:rgb(0, 142, 44) }
```

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

Here you see how a box with a 4 pixel rgb(0, 142, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 142, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 142, 44);  
box-shadow:4px 4px 4px 4px rgb(0, 142, 44)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.1276, 19.5279, 5.6183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 142, 44) }
```

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

```
.background{ background-color: rgb(0, 142,  
44) }
```

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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