

Converting Colors

XYZ(10.9684, 18.8602, 13.1411)

Have a look what the booklet for
XYZ(10.9684, 18.8602, 13.1411)
contains.

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Color

**XYZ(11.0202, 18.9497,
13.2020)**

Conversions

Conversions Part 1

Format	Color
Hex	008A5C
RGB	0, 138, 92
RGB Percent	0%, 54%, 36%
CMY	1.0000, 0.4588, 0.6392
CMYK	1.00, 0.00, 0.33, 0.46
HSL	160°, 100%, 27%
HSV	160°, 100%, 54%
XYZ	11.0202, 18.9497, 13.2020
YIQ	91.4940, -67.4820, -43.5620

Conversions

Conversions Part 2

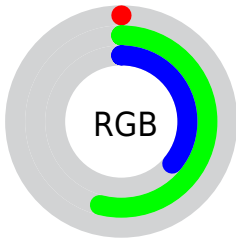
Format	Color
RYB	0, 83, 138
Decimal	35420
CIELab	50.63, -43.38, 15.89
CIELCh	51, 46.197, 159.886
Yxy	18.9497, 0.2553, 0.4389
Android (android.graphics.Color)	4278225500 (0xFF008A5C)
YUV	91.4940, 0.2495, -80.2402
Hunter-Lab	43.5313, -30.9913, 12.4906

Details

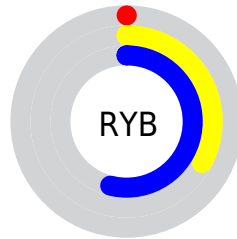
The XYZ color **11.0202, 18.9497, 13.2020** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **10.9749, 5.6008, 3.0878**, and the grayscale version is **10.0675, 10.5918, 11.5344**.

A 20% lighter version of the original color is **27.2118, 41.4461, 32.1569**, and **3.9013, 7.0136, 3.7329** is the 20% darker color. If you saturate the color by 10%, you get **11.0206, 18.9504, 13.2023**, and if you desaturate by 10%, it is **11.4060, 19.1251, 14.3024**.

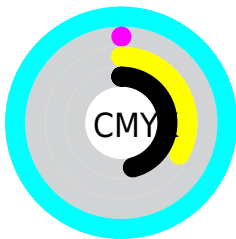
Distribution



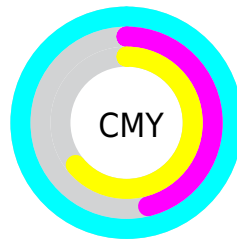
- Red (0%)
- Green (54%)
- Blue (36%)



- Red (0%)
- Yellow (33%)
- Blue (54%)



- Cyan (100%)
- Magenta (0%)
- Yellow (33%)
- Black (46%)





- Cyan (100%)
- Magenta (46%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 11.0202, 18.9497, 13.2020 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 11.0202, 18.9497, 13.2020 by changing the saturation by 10% instead.


 11.0202, 18.9497,
13.2020


 11.0202, 18.9497,
13.2020


191.7115,
246.1709, 223.4613


 6.1478, 11.6339,
7.4354


 27.3301, 41.6491,
32.3627


 2.9767, 6.4949,
3.6533


 39.4984, 57.8015,
46.5939


 1.1414, 3.1483,
1.4372

 54.8293, 77.6683,
64.4838

 0.0594, 1.2096,
0.1704

 73.6883, 101.6337,
86.4508

 0.0000, 0.0696,
0.0000

 96.4406, 130.0824,
112.9135

 0.0000, 0.0000,
0.0000

 123.4517,

163.3985, 144.2905

155.0869,
201.9666, 181.0002

■ 11.0202, 18.9497,
13.2020

■ 11.0202, 18.9497,
13.2020

■ 11.0206, 18.9504,
13.2023

■ 11.4060, 19.1251,
14.3024

■ 11.9158, 19.3626,
15.4731

■ 12.6107, 19.6939,
16.7184

■ 13.5120, 20.1302,
18.0403

■ 14.6380, 20.6809,
19.4406

■ 16.0049, 21.3542,
20.9213

■ 17.6274, 22.1578,
22.4839

■ 19.5190, 23.0984,
24.1299

■ 21.6922, 24.1827,
25.8610

Harmonies

Analogous

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



12.9926, 18.9497, 6.8202



11.0202, 18.9497, 13.2020



10.7337, 18.9497, 25.2087

Triad

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



11.0202, 18.9497, 13.2020



19.5450, 18.9497, 56.1543



25.5376, 18.9497, 8.4330

Complementary

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



11.0202, 18.9497, 13.2020



10.9749, 5.6008, 3.0878

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.



28.0024, 18.9497, 16.6475



11.0202, 18.9497, 13.2020



24.1795, 18.9497, 46.2338

Square

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



11.0202, 18.9497, 13.2020



15.1844, 18.9497, 53.9451



27.4677, 18.9497, 30.4317



21.1685, 18.9497, 4.9742

Rectangle

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



11.0202, 18.9497, 13.2020



11.4774, 18.9497, 35.6878



27.4677, 18.9497, 30.4317



26.6469, 18.9497, 10.5490

Sweetspot

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



11.0207, 18.9504, 13.2024



30.8724, 38.9572, 39.4487



10.3221, 18.8135, 3.0874



6.6820, 8.6177, 8.6208



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



11.0207, 18.9504, 13.2024



19.3497, 33.3720, 22.8739



10.9843, 14.6283, 26.2904



5.1031, 5.6607, 6.0641



10.1109, 17.3769, 12.1406



0.0740, 0.1182, 0.1165

Inverse Universe

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



10.9749, 5.6008, 3.0878



19.2775, 9.8452, 5.0905



10.7444, 5.9290, 0.5782



5.0972, 5.0743, 5.6002



10.0682, 5.1374, 2.8637



0.0732, 0.0366, 0.0520

Previews

White Background



This preview shows how the XYZ color 11.0202, 18.9497, 13.2020 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 11.0202, 18.9497, 13.2020 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 11.0202, 18.9497, 13.2020

Background



This preview shows how black text looks on a background with the XYZ color 11.0202, 18.9497, 13.2020.



This preview shows how white text looks on a background with the XYZ color 11.0202, 18.9497,

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

11.0202, 18.9497, 13.2020

Protanopia

17.5226, 18.8189, 11.0964

Deuteranopia

18.9359, 18.6135, 13.9040



Tritanopia

14.3527, 19.0839, 28.5183

Trichromacy



Original Color

11.0202, 18.9497, 13.2020

Protanomaly

12.8770, 17.7059, 11.7557

Deuteranomaly

13.1730, 17.0668, 13.4264

Tritanomaly

12.7283, 18.7967, 22.0261

Monochromacy



Original Color

11.0202, 18.9497, 13.2020

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

8.9958, 12.3800, 11.8130

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.0202, 18.9497, 13.2020 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, 138, 92)` looks like.

```
.text, #text, p{  
    color:rgb(0, 138, 92)  
}
```

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, 138, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 138, 92) }
```

Border

The CSS property to change the border of an element to XYZ 11.0202, 18.9497, 13.2020 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, 138, 92) }
```


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

```
.border{ border-color:rgb(0, 138, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 138, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 138, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 138, 92);  
box-shadow:4px 4px 4px 4px rgb(0, 138, 92)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.0202, 18.9497, 13.2020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 138, 92) }
```

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

```
.background{ background-color: rgb(0, 138,  
92) }
```

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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