

Converting Colors

XYZ(11.1487, 20.0498, 5.8208)

Have a look what the booklet for
XYZ(11.1487, 20.0498, 5.8208)
contains.

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Color

**XYZ(11.1624, 20.0569,
5.8678)**

Conversions

Conversions Part 1

Format	Color
Hex	2B8E2E
RGB	43, 142, 46
RGB Percent	17%, 56%, 18%
CMY	0.8314, 0.4431, 0.8196
CMYK	0.70, 0.00, 0.68, 0.44
HSL	122°, 54%, 36%
HSV	122°, 70%, 56%
XYZ	11.1624, 20.0569, 5.8678
YIQ	101.4550, -28.1880, -50.8440

Conversions

Conversions Part 2

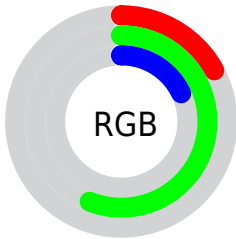
Format	Color
R_{YB}	43, 139, 142
Decimal	2854446
CIE _{Lab}	51.90, -47.82, 41.53
CIE _{LCh}	52, 63.337, 139.031
Yxy	20.0569, 0.3010, 0.5408
Android (android.graphics.Color)	4281044526 (0xFF2B8E2E)
YUV	101.4550, -27.3393, -51.2650
Hunter-Lab	44.7849, -33.8835, 23.5812

Details

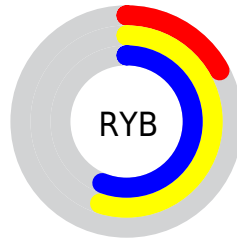
The XYZ color **11.1624, 20.0569, 5.8678** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **16.6799, 9.3428, 25.3502**, and the grayscale version is **12.5618, 13.2160, 14.3922**.

A 20% lighter version of the original color is **27.6711, 43.6606, 18.0353**, and **3.6562, 7.3123, 1.2187** is the 20% darker color. If you saturate the color by 10%, you get **10.4384, 19.7107, 4.6376**, and if you desaturate by 10%, it is **12.1818, 20.5465, 7.5673**.

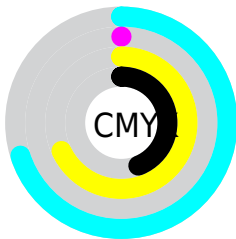
Distribution



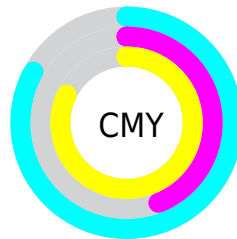
- Red (17%)
- Green (56%)
- Blue (18%)



- Red (17%)
- Yellow (55%)
- Blue (56%)



- Cyan (70%)
- Magenta (0%)
- Yellow (68%)
- Black (44%)



- Cyan (83%)
- Magenta (44%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.1624, 20.0569, 5.8678 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 11.1624, 20.0569, 5.8678 by changing the saturation by 10% instead.

■ 11.1624, 20.0569,
5.8678

■ 11.1624, 20.0569,
5.8678

192.6637,
252.2230, 167.1504

■ 6.2443, 12.4364,
2.6974

■ 27.5904, 43.5126,
18.1288

■ 3.0362, 7.0416,
0.9421

■ 39.8309, 60.1165,
28.0564

■ 1.1730, 3.4881,
0.0000

■ 55.2430, 80.4838,
41.0735

■ 0.0849, 1.3916,
0.0000

■ 74.1920, 104.9987,
57.5987

■ 0.0000, 0.2105,
0.0000

■ 97.0432, 134.0457,
78.0504

■ 0.0000, 0.0000,
0.0000

■ 124.1620,

168.0091, 102.8472

155.9137,
207.2734, 132.4077

■ 11.1624, 20.0569,
5.8678

■ 11.1624, 20.0569,
5.8678

■ 10.4384, 19.7107,
4.6376

■ 12.1818, 20.5465,
7.5673

■ 9.9770, 19.4903,
3.8285

■ 13.5221, 21.1899,
9.7753

■ 9.7041, 19.3597,
3.3601

■ 15.2076, 21.9996,
12.5285

■ 9.6970, 19.3563,
3.3488

■ 17.2599, 22.9860,
15.8598

■ 19.6989, 24.1587,
19.7994

■ 22.5431, 25.5266,
24.3757

■ 25.8096, 27.0980,
29.6149

■ 29.5148, 28.8807,
35.5421

■ 33.6739, 30.8822,
42.1809

Harmonies

Analogous

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



15.3060, 20.0569, 2.5467



11.1624, 20.0569, 5.8678



9.3118, 20.0569, 15.7645

Triad

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



11.1624, 20.0569, 5.8678



16.8041, 20.0569, 78.3895



33.3201, 20.0569, 12.1999

Complementary

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



11.1624, 20.0569, 5.8678



16.6799, 9.3428, 25.3502

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.



33.9778, 20.0569, 29.3012



11.1624, 20.0569, 5.8678



23.3905, 20.0569, 75.4047

Square

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



11.1624, 20.0569, 5.8678



12.0458, 20.0569, 61.0228



30.0184, 20.0569, 54.2962



28.3838, 20.0569, 4.5195

Rectangle

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



11.1624, 20.0569, 5.8678



9.2668, 20.0569, 27.8879



30.0184, 20.0569, 54.2962



34.0848, 20.0569, 16.7341

Sweetspot

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



11.1629, 20.0577, 5.8683



33.9473, 42.2207, 33.6415



20.9843, 25.1274, 6.0296



7.3447, 9.3159, 7.1306



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.



11.1629, 20.0577, 5.8683



17.8644, 34.4976, 7.2346



12.6969, 20.6713, 13.9461



5.3491, 6.0319, 5.8042



8.7074, 17.3788, 3.0133



0.0843, 0.1666, 0.0344

Inverse Universe

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



16.6799, 9.3428, 25.3502



28.2489, 14.2898, 43.8756



13.9016, 8.2315, 10.7201



5.6193, 5.5082, 6.7592



14.1160, 6.8034, 22.0598



0.1364, 0.0656, 0.2185

Previews

White Background



This preview shows how the XYZ color 11.1624, 20.0569, 5.8678 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



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 11.1624, 20.0569, 5.8678

Background



This preview shows how black text looks on a background with the XYZ color 11.1624, 20.0569, 5.8678.



This preview shows how white text looks on a background with the XYZ color 11.1624, 20.0569,

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

11.1624, 20.0569, 5.8678

Protanopia

17.9644, 19.7293, 4.9591

Deuteranopia

19.9760, 19.6643, 6.2328



Tritanopia

15.8712, 20.0603, 29.0221

Trichromacy



Original Color

11.1624, 20.0569, 5.8678



Protanomaly

14.0122, 19.0232, 5.2188



Deuteranomaly

14.7405, 18.6055, 5.9463



Tritanomaly

13.3744, 19.6517, 17.2756

Monochromacy



Original Color

11.1624, 20.0569, 5.8678



Achromatopsia

12.3695, 13.0136, 14.1719



Achromatomaly

11.0389, 14.7903, 10.0576

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1624, 20.0569, 5.8678 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(43, 142, 46)` looks like.

```
.text, #text, p{  
    color:rgb(43, 142, 46)  
}
```

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(43, 142, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 142, 46) }
```

Border

The CSS property to change the border of an element to XYZ 11.1624, 20.0569, 5.8678 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(43, 142, 46) }
```


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

```
.border{ border-color:rgb(43, 142, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 142, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 142, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 142, 46);  
box-shadow:4px 4px 4px 4px rgb(43, 142,  
46) }
```

Background

The CSS property to change the background color of an element to XYZ 11.1624, 20.0569, 5.8678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 142, 46) }
```

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

```
.background{ background-color: rgb(43, 142,  
46) }
```

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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