

Converting Colors

XYZ(11.8350, 22.9600, 6.1338)

Have a look what the booklet for
XYZ(11.8350, 22.9600, 6.1338)
contains.

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Color

**XYZ(11.8273, 22.9569,
6.0933)**

Conversions

Conversions Part 1

Format	Color
Hex	00992B
RGB	0, 153, 43
RGB Percent	0%, 60%, 17%
CMY	1.0000, 0.4000, 0.8314
CMYK	1.00, 0.00, 0.72, 0.40
HSL	137°, 100%, 30%
HSV	137°, 100%, 60%
XYZ	11.8273, 22.9569, 6.0933
YIQ	94.7130, -55.8780, -66.6460

Conversions

Conversions Part 2

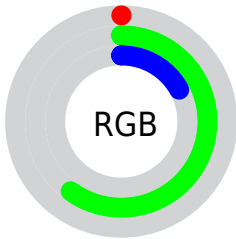
Format	Color
RYB	0, 119, 153
Decimal	39211
CIELab	55.03, -56.53, 45.96
CIELCh	55, 72.858, 140.888
Yxy	22.9569, 0.2893, 0.5616
Android (android.graphics.Color)	4278229291 (0xFF00992B)
YUV	94.7130, -25.4945, -83.0633
Hunter-Lab	47.9134, -39.7861, 25.9992

Details

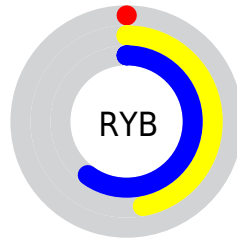
The XYZ color **11.8273, 22.9569, 6.0933** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **15.9520, 7.8985, 15.4360**, and the grayscale version is **10.8778, 11.4443, 12.4628**.

A 20% lighter version of the original color is **28.8905, 48.5019, 18.6656**, and **4.5572, 9.1143, 1.5191** is the 20% darker color. If you saturate the color by 10%, you get **11.8278, 22.9578, 6.0936**, and if you desaturate by 10%, it is **12.2596, 23.1539, 7.3136**.

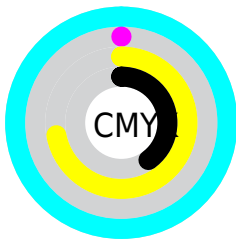
Distribution



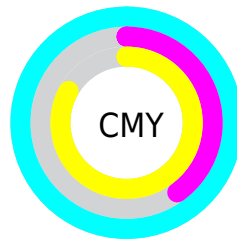
- Red (0%)
- Green (60%)
- Blue (17%)



- Red (0%)
- Yellow (47%)
- Blue (60%)



- Cyan (100%)
- Magenta (0%)
- Yellow (72%)
- Black (40%)





- Cyan (100%)
- Magenta (40%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 11.8273, 22.9569, 6.0933 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 11.8273, 22.9569, 6.0933 by changing the saturation by 10% instead.


 11.8273, 22.9569,
6.0933


 11.8273, 22.9569,
6.0933


197.0519,
267.5035, 169.2359


 6.6976, 14.5617,
2.8322

 28.7998, 48.3225,
18.6052


 3.3183, 8.5124,
1.0096


 41.3732, 66.0618,
28.6932


 1.3242, 4.4245,
0.0000

 57.1586, 87.6845,
41.8938

 0.2013, 1.9137,
0.0000

 76.5212, 113.5750,
58.6256

 0.0000, 0.5566,
0.0000

 99.8266, 144.1178,
79.3072

 0.0000, 0.0000,
0.0000

 127.4399,

179.6972, 104.3570

159.7266,
220.6977, 134.1938

■ 11.8273, 22.9569,
6.0933

■ 11.8273, 22.9569,
6.0933

■ 11.8278, 22.9578,
6.0936

■ 12.2596, 23.1539,
7.3136

■ 12.8991, 23.4503,
8.8482

■ 13.8187, 23.8838,
10.7200

■ 15.0492, 24.4702,
12.9478

■ 16.6172, 25.2225,
15.5490

■ 18.5464, 26.1529,
18.5398

■ 20.8581, 27.2718,
21.9354

■ 23.5722, 28.5894,
25.7503

■ 26.7070, 30.1147,
29.9981

Harmonies

Analogous

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



16.7237, 22.9569, 2.1902



11.8273, 22.9569, 6.0933



9.7697, 22.9569, 18.5754

Triad

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



11.8273, 22.9569, 6.0933



19.4445, 22.9569, 99.9911



39.8498, 22.9569, 12.2252

Complementary

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



11.8273, 22.9569, 6.0933



15.9520, 7.8985, 15.4360

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.



41.0984, 22.9569, 32.7484



11.8273, 22.9569, 6.0933



27.8585, 22.9569, 94.1396

Square

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



11.8273, 22.9569, 6.0933



13.3941, 22.9569, 78.0511



36.2761, 22.9569, 65.0252



33.1962, 22.9569, 3.9006

Rectangle

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



11.8273, 22.9569, 6.0933



9.8188, 22.9569, 34.4053



36.2761, 22.9569, 65.0252



40.9707, 22.9569, 17.4809

Sweetspot

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



11.8278, 22.9578, 6.0938



37.0871, 48.7100, 38.9000



18.0996, 26.2414, 4.1112



7.8224, 10.5779, 8.0570



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



11.8278, 22.9578, 6.0938



21.1118, 41.0854, 10.5464



14.6204, 24.0749, 20.7994



6.2000, 6.9527, 6.9765



9.7878, 18.9786, 5.1033



0.1604, 0.2894, 0.1503

Inverse Universe

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



15.9520, 7.8985, 15.4360



28.4844, 14.1116, 27.2083



13.4513, 6.8982, 2.2679



6.3871, 6.2940, 7.4188



13.1981, 6.5335, 12.8343



0.2125, 0.1038, 0.2721

Previews

White Background



This preview shows how the XYZ color 11.8273, 22.9569, 6.0933 looks on a white background.

Color Contrast Check

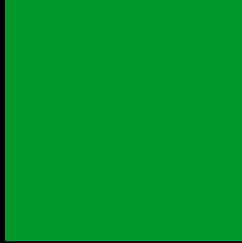
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.8273, 22.9569, 6.0933 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

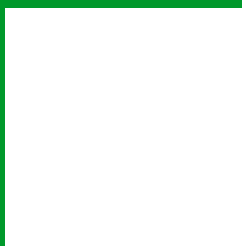
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.8273, 22.9569, 6.0933

Background



This preview shows how black text looks on a background with the XYZ color 11.8273, 22.9569, 6.0933.



This preview shows how white text looks on a background with the XYZ color 11.8273, 22.9569,

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

11.8273, 22.9569, 6.0933

Protanopia

20.4829, 22.5692, 5.0270

Deuteranopia

23.0805, 22.7108, 6.5353



Tritanopia

17.7051, 23.0348, 34.0848

Trichromacy



Original Color

11.8273, 22.9569, 6.0933



Protanomaly

14.2149, 20.9914, 5.2220



Deuteranomaly

14.9273, 20.4928, 6.0745



Tritanomaly

14.3461, 22.5335, 19.5129

Monochromacy



Original Color

11.8273, 22.9569, 6.0933



Achromatopsia

10.8771, 11.4435, 12.4620



Achromatomaly

9.4134, 13.9732, 9.0384

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.8273, 22.9569, 6.0933 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, 153, 43)` looks like.

```
.text, #text, p{  
    color:rgb(0, 153, 43)  
}
```

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, 153, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 153, 43) }
```

Border

The CSS property to change the border of an element to XYZ 11.8273, 22.9569, 6.0933 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, 153, 43) }
```


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

```
.border{ border-color:rgb(0, 153, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 153, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 153, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 153, 43);  
box-shadow:4px 4px 4px 4px rgb(0, 153, 43)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.8273, 22.9569, 6.0933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 153, 43) }
```

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

```
.background{ background-color: rgb(0, 153,  
43) }
```

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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