

Converting Colors

XYZ(11.4927, 22.1623, 6.3681)

Have a look what the booklet for
XYZ(11.4927, 22.1623, 6.3681)
contains.

XYZ(11.4194, 22.0179, 6.3373)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(11.4194, 22.0179,
6.3373)**

Conversions

Conversions Part 1

Format	Color
Hex	00962F
RGB	0, 150, 47
RGB Percent	0%, 59%, 18%
CMY	1.0000, 0.4118, 0.8157
CMYK	1.00, 0.00, 0.69, 0.41
HSL	139°, 100%, 29%
HSV	139°, 100%, 59%
XYZ	11.4194, 22.0179, 6.3373
YIQ	93.4080, -56.3370, -63.8330

Conversions

Conversions Part 2

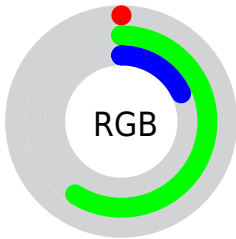
Format	Color
RYB	0, 114, 150
Decimal	38447
CIELab	54.05, -55.20, 43.26
CIELCh	54, 70.134, 141.915
Yxy	22.0179, 0.2871, 0.5536
Android (android.graphics.Color)	4278228527 (0xFF00962F)
YUV	93.4080, -22.8791, -81.9188
Hunter-Lab	46.9232, -38.6753, 24.8387

Details

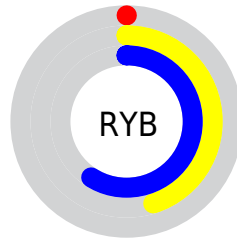
The XYZ color **11.4194, 22.0179, 6.3373** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **15.0264, 7.4636, 13.4806**, and the grayscale version is **10.5618, 11.1119, 12.1008**.

A 20% lighter version of the original color is **27.9664, 46.5707, 19.0703**, and **4.2747, 8.5494, 1.4249** is the 20% darker color. If you saturate the color by 10%, you get **11.4199, 22.0188, 6.3378**, and if you desaturate by 10%, it is **11.8499, 22.2135, 7.5737**.

Distribution



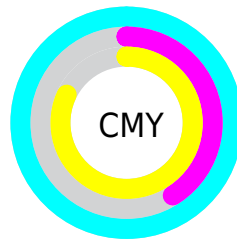
- Red (0%)
- Green (59%)
- Blue (18%)



- Red (0%)
- Yellow (45%)
- Blue (59%)



- Cyan (100%)
- Magenta (0%)
- Yellow (69%)
- Black (41%)



- Cyan (100%)
- Magenta (41%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4194, 22.0179, 6.3373 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 11.4194, 22.0179, 6.3373 by changing the saturation by 10% instead.

■ 11.4194, 22.0179,
6.3373

■ 11.4194, 22.0179,
6.3373

194.3722,
262.6397, 171.4541

■ 6.4190, 13.8701,
2.9792

■ 28.0593, 46.7756,
19.1167

■ 3.1446, 8.0303,
1.0840

■ 40.4295, 64.1542,
29.3750

■ 1.2307, 4.1144,
0.0000

■ 55.9870, 85.3785,
42.7705

■ 0.1304, 1.7377,
0.0000

■ 75.0973, 110.8330,
59.7217

■ 0.0000, 0.4479,
0.0000

■ 98.1255, 140.9019,
80.6471

■ 0.0000, 0.0000,
0.0000

■ 125.4372,

175.9698, 105.9653

157.3976,
216.4209, 136.0947

■ 11.4194, 22.0179,
6.3373

■ 11.4194, 22.0179,
6.3373

■ 11.4199, 22.0188,
6.3378

■ 11.8499, 22.2135,
7.5737

■ 12.4735, 22.5021,
9.0914

■ 13.3607, 22.9201,
10.9093

■ 14.5402, 23.4822,
13.0428

■ 16.0370, 24.2008,
15.5062

■ 17.8731, 25.0872,
18.3127

■ 20.0687, 26.1513,
21.4752

■ 22.6422, 27.4025,
25.0054

■ 25.6106, 28.8494,
28.9149

Harmonies

Analogous

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



15.9426, 22.0179, 2.3523



11.4194, 22.0179, 6.3373



9.5547, 22.0179, 18.5660

Triad

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



11.4194, 22.0179, 6.3373



18.9424, 22.0179, 93.6575



37.5826, 22.0179, 11.5199

Complementary

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



11.4194, 22.0179, 6.3373



15.0264, 7.4636, 13.4806

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.



38.9414, 22.0179, 30.3411



11.4194, 22.0179, 6.3373



26.8559, 22.0179, 87.3484

Square

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



11.4194, 22.0179, 6.3373



13.1590, 22.0179, 74.1640



34.6328, 22.0179, 60.0678



31.2737, 22.0179, 3.8364

Rectangle

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



11.4194, 22.0179, 6.3373



9.6553, 22.0179, 33.6718



34.6328, 22.0179, 60.0678



38.6860, 22.0179, 16.3434

Sweetspot

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



11.4199, 22.0188, 6.3378



35.1681, 46.0294, 37.5496



16.7327, 24.8169, 3.9083



7.4539, 10.0359, 7.8383



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



11.4199, 22.0188, 6.3378



20.0823, 38.8286, 10.8126



14.2971, 23.1697, 21.4887



5.8000, 6.4966, 6.5577



9.4843, 18.2665, 5.3256



0.1282, 0.2284, 0.1291

Inverse Universe

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



15.0264, 7.4636, 13.4806



26.4356, 13.1384, 23.3596



12.8125, 6.5780, 1.8227



5.9587, 5.8786, 6.8889



12.4769, 6.1958, 11.2584



0.1660, 0.0812, 0.2080

Previews

White Background



This preview shows how the XYZ color 11.4194, 22.0179, 6.3373 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 11.4194, 22.0179, 6.3373 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 11.4194, 22.0179, 6.3373

Background



This preview shows how black text looks on a background with the XYZ color 11.4194, 22.0179, 6.3373.



This preview shows how white text looks on a background with the XYZ color 11.4194, 22.0179,

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

11.4194, 22.0179, 6.3373

Protanopia

19.7521, 21.7899, 5.2626

Deuteranopia

21.9714, 21.5755, 6.7479



Tritanopia

16.9700, 22.0153, 33.0607

Trichromacy



Original Color

11.4194, 22.0179, 6.3373



Protanomaly

13.7953, 20.3410, 5.4846



Deuteranomaly

14.2607, 19.5263, 6.3855



Tritanomaly

13.8472, 21.5928, 19.3576

Monochromacy



Original Color

11.4194, 22.0179, 6.3373



Achromatopsia

10.4043, 10.9462, 11.9204



Achromatomaly

9.1255, 13.4862, 8.9596

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4194, 22.0179, 6.3373 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, 150, 47)` looks like.

```
.text, #text, p{  
    color:rgb(0, 150, 47)  
}
```

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, 150, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 150, 47) }
```

Border

The CSS property to change the border of an element to XYZ 11.4194, 22.0179, 6.3373 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, 150, 47) }
```


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

```
.border{ border-color:rgb(0, 150, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 150, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 150, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 150, 47);  
box-shadow:4px 4px 4px 4px rgb(0, 150, 47)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.4194, 22.0179, 6.3373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 150, 47) }
```

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

```
.background{ background-color: rgb(0, 150,  
47) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor