

Converting Colors

$Yxy(22.2234, 0.3071, 0.5944)$

Have a look what the booklet for
Yxy(22.2234, 0.3071, 0.5944)
contains.

Yxy(22.0739, 0.3072, 0.5942)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(22.0739, 0.3072, 0.5942)

Conversions

Conversions Part 1

Format	Color
Hex	1D9600
RGB	29, 150, 0
RGB Percent	11%, 59%, 0%
CMY	0.8865, 0.4117, 0.9995
CMYK	0.81, 0.00, 1.00, 0.41
HSL	108°, 100%, 29%
HSV	108°, 100%, 59%
XYZ	11.4122, 22.0739, 3.6629
YIQ	96.7210, -23.9660, -72.3020

Conversions

Conversions Part 2

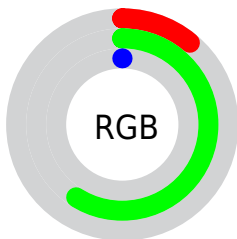
Format	Color
RYB	0, 150, 121
Decimal	1938944
CIELab	54.11, -55.51, 56.31
CIELCh	54, 79.069, 134.591
Yxy	22.0739, 0.3072, 0.5942
Android (android.graphics.Color)	4280129024 (0xFF1D9600)
YUV	96.7210, -47.6835, -59.3913
Hunter-Lab	46.9829, -38.8623, 28.2656

Details

The Yxy color **22.0739, 0.3072, 0.5942** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **6.2857, 0.2735, 0.1281**, and the grayscale version is **12.0050, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.6890, 0.3182, 0.5318**, and **8.5494, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **22.0729, 0.3072, 0.5943**, and if you desaturate by 10%, it is **22.3216, 0.3104, 0.5817**.

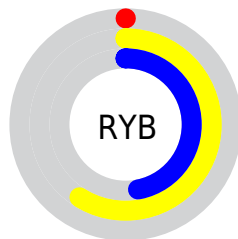
Distribution



Red (11%)

Green (59%)

Blue (0%)



Red (0%)

Yellow (59%)

Blue (47%)

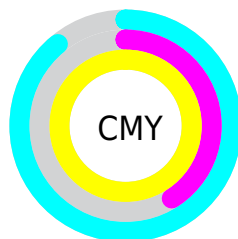


Cyan (81%)

Magenta (0%)

Yellow (100%)

Black (41%)



Cyan (89%)


Magenta (41%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.0739, 0.3072, 0.5942 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 Yxy color 22.0739, 0.3072, 0.5942 by changing the saturation by 10% instead.


 22.0739, 0.3072,
0.5942


 22.0739, 0.3072,
0.5942


262.9320, 0.3230,
0.4370


 13.9112, 0.2947,
0.6391


 46.8681, 0.3182,
0.5318

 8.0589, 0.2762,
0.7085

 64.2684, 0.3205,
0.5097


 4.1327, 0.2292,
0.7708

 85.5167, 0.3219,
0.4918

 1.7481, 0.0688,
0.9312

 110.9974, 0.3226,
0.4770

 0.4545, 0.0000,
1.0000


 141.0949, 0.3230,
0.4645

 0.0000, 0.0000,
0.0000


 176.1935, 0.3231,


0.4540


 216.6778, 0.3231,
0.4449


 22.0739, 0.3072,
0.5942

 22.0739, 0.3072,
0.5942

 22.0729, 0.3072,
0.5943

 22.3216, 0.3104,
0.5817

 22.6702, 0.3136,
0.5634

 23.1385, 0.3161,
0.5385

 23.7368, 0.3177,
0.5088

 24.4742, 0.3183,
0.4764

■ 25.3589, 0.3182,
0.4434

■ 26.3987, 0.3174,
0.4112

■ 27.6004, 0.3161,
0.3811

■ 28.9709, 0.3145,
0.3535

Harmonies

Analogous

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



22.0739, 0.4237, 0.5469



22.0739, 0.3072, 0.5942



22.0739, 0.1976, 0.4972

Triad

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



22.0739, 0.3072, 0.5942



22.0739, 0.1180, 0.1542



22.0739, 0.5337, 0.2853

Complementary

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



22.0739, 0.3072, 0.5942



6.2857, 0.2735, 0.1281

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.



22.0739, 0.4033, 0.2161



22.0739, 0.3072, 0.5942



22.0739, 0.1670, 0.1451

Square

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



22.0739, 0.3072, 0.5942



22.0739, 0.1046, 0.2043



22.0739, 0.2625, 0.1665



22.0739, 0.5752, 0.3624

Rectangle

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



22.0739, 0.3072, 0.5942



22.0739, 0.1447, 0.3770



22.0739, 0.2625, 0.1665



22.0739, 0.4972, 0.2610

Sweetspot

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



22.0748, 0.3072, 0.5942



46.4498, 0.3174, 0.4134



19.9255, 0.4589, 0.4738



10.1338, 0.3178, 0.4254



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



22.0748, 0.3072, 0.5942



38.8922, 0.3063, 0.5950



22.0054, 0.2880, 0.5567



6.5189, 0.3144, 0.3517



18.3166, 0.3075, 0.5940



0.2341, 0.3320, 0.5746

Inverse Universe

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



6.2857, 0.2735, 0.1281



11.0109, 0.2726, 0.1275



7.5084, 0.4127, 0.2048



5.8535, 0.3109, 0.3070



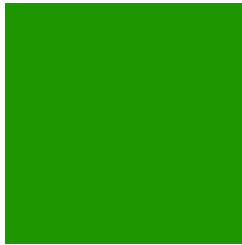
5.2218, 0.2738, 0.1282



0.0755, 0.2980, 0.1415

Previews

White Background



This preview shows how the Yxy color 22.0739, 0.3072, 0.5942 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](#).

Yxy 22.0739, 0.3072, 0.5942

Background



This preview shows how black text looks on a background with the Yxy color 22.0739, 0.3072, 0.5942.



This preview shows how white text looks on a background with the Yxy color 22.0739, 0.3072, 0.5942.

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

22.0739, 0.3072, 0.5942

Protanopia

21.7203, 0.4397, 0.4891

Deuteranopia

21.7047, 0.4588, 0.4502



Tritanopia

21.9285, 0.2398, 0.3057

Trichromacy



Original Color

22.0739, 0.3072, 0.5942



Protanomaly

20.7749, 0.3771, 0.5388



Deuteranomaly

20.1304, 0.3909, 0.5137



Tritanomaly

21.2737, 0.2735, 0.4325

Monochromacy



Original Color

22.0739, 0.3072, 0.5942



Achromatopsia

11.9538, 0.3127, 0.3290



Achromatomaly

14.2163, 0.3179, 0.4617

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.0739, 0.3072, 0.5942 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(29, 150, 0)` looks like.

```
.text, #text, p{  
    color:rgb(29, 150, 0)  
}
```

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(29, 150, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 150, 0) }
```

Border

The CSS property to change the border of an element to Yxy 22.0739, 0.3072, 0.5942 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(29, 150, 0) }
```

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

```
.border{ border-color:rgb(29, 150, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 150, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 150, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 150, 0);  
box-shadow:4px 4px 4px 4px rgb(29, 150, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 22.0739, 0.3072, 0.5942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 150, 0) }
```

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

```
.background{ background-color: rgb(29, 150,  
0) }
```

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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