

Converting Colors

$Yxy(19.3091, 0.2980, 0.5927)$

Have a look what the booklet for
Yxy(19.3091, 0.2980, 0.5927)
contains.

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Color

Yxy(19.3725, 0.2980, 0.5927)

Conversions

Conversions Part 1

Format	Color
Hex	008E0C
RGB	0, 142, 12
RGB Percent	0%, 56%, 5%
CMY	0.9996, 0.4431, 0.9531
CMYK	1.00, 0.00, 0.92, 0.44
HSL	125°, 100%, 28%
HSV	125°, 100%, 56%
XYZ	9.7402, 19.3725, 3.5725
YIQ	84.7220, -42.9020, -70.5340

Conversions

Conversions Part 2

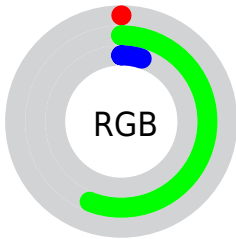
Format	Color
RYB	0, 131, 142
Decimal	36364
CIELab	51.12, -55.33, 51.70
CIELCh	51, 75.724, 136.945
Yxy	19.3725, 0.2980, 0.5927
Android (android.graphics.Color)	4278226444 (0xFF008E0C)
YUV	84.7220, -35.8519, -74.3012
Hunter-Lab	44.0142, -37.5235, 25.9976

Details

The Yxy color **19.3725, 0.2980, 0.5927** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **7.3687, 0.3426, 0.1661**, and the grayscale version is **9.1129, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.3788, 0.3108, 0.5274**, and **7.3123, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **19.3723, 0.2980, 0.5928**, and if you desaturate by 10%, it is **19.5121, 0.2977, 0.5790**.

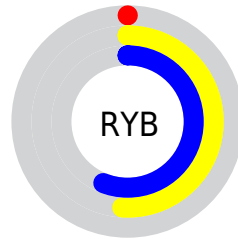
Distribution



Red (0%)

Green (56%)

Blue (5%)



Red (0%)

Yellow (51%)

Blue (56%)

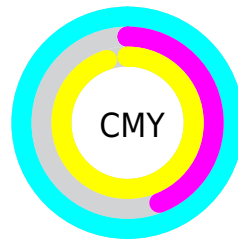


Cyan (100%)

Magenta (0%)

Yellow (92%)

Black (44%)



Cyan (100%)


Magenta (44%)

Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.3725, 0.2980, 0.5927 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 19.3725, 0.2980, 0.5927 by changing the saturation by 10% instead.


 19.3725, 0.2980,
0.5927


 19.3725, 0.2980,
0.5927


248.4975, 0.3182,
0.4324


 11.9397, 0.2840,
0.6412


 42.3626, 0.3107,
0.5273


 6.7027, 0.2640,
0.7212


 58.6887, 0.3136,
0.5048

 3.2769, 0.2102,
0.7898

 78.7481, 0.3154,
0.4867

 1.2779, 0.0000,
1.0000

 102.9251, 0.3166,
0.4718


 0.1240, 0.0000,
1.0000


 131.6042, 0.3173,
0.4595

 0.0000, 0.0000,
0.0000

 165.1697, 0.3178,


0.4490

 204.0060, 0.3181,
0.4401

 19.3725, 0.2980,
0.5927


 19.3725, 0.2980,
0.5927


 19.3723, 0.2980,
0.5928

 19.5121, 0.2977,
0.5790

 19.7402, 0.2975,
0.5585

 20.0926, 0.2980,
0.5320

 20.5838, 0.2992,
0.5015

 21.2263, 0.3010,
0.4690

■ 22.0311, 0.3031,
0.4366

■ 23.0082, 0.3055,
0.4057

■ 24.1669, 0.3080,
0.3772

■ 25.5158, 0.3104,
0.3515

Harmonies

Analogous

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



19.3725, 0.4148, 0.5537



19.3725, 0.2980, 0.5927



19.3725, 0.1902, 0.4838

Triad

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



19.3725, 0.2980, 0.5927



19.3725, 0.1205, 0.1522



19.3725, 0.5409, 0.2911

Complementary

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



19.3725, 0.2980, 0.5927



7.3687, 0.3426, 0.1661

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.



19.3725, 0.4152, 0.2210



19.3725, 0.2980, 0.5927



19.3725, 0.1726, 0.1457

Square

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



19.3725, 0.2980, 0.5927



19.3725, 0.1044, 0.1983



19.3725, 0.2722, 0.1694



19.3725, 0.5741, 0.3688

Rectangle

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



19.3725, 0.2980, 0.5927



19.3725, 0.1400, 0.3631



19.3725, 0.2722, 0.1694



19.3725, 0.5067, 0.2666

Sweetspot

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



19.3733, 0.2980, 0.5927



40.4415, 0.3053, 0.4078



24.1061, 0.4051, 0.5165



8.8844, 0.3045, 0.4190



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



19.3733, 0.2980, 0.5927



34.1505, 0.2985, 0.5944



19.9695, 0.2635, 0.4685



6.0362, 0.3106, 0.3498



17.3947, 0.2979, 0.5924



0.1675, 0.2883, 0.5580

Inverse Universe

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



7.3687, 0.3426, 0.1661



12.9777, 0.3431, 0.1664



6.0714, 0.5257, 0.2671



5.5034, 0.3149, 0.3091



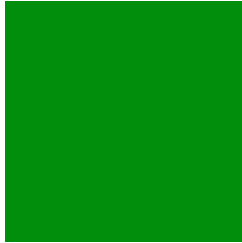
6.6149, 0.3425, 0.1660



0.0647, 0.3308, 0.1596

Previews

White Background



This preview shows how the Yxy color 19.3725, 0.2980, 0.5927 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 Yxy color 19.3725, 0.2980, 0.5927 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](#).

Yxy 19.3725, 0.2980, 0.5927

Background



This preview shows how black text looks on a background with the Yxy color 19.3725, 0.2980, 0.5927.



This preview shows how white text looks on a background with the Yxy color 19.3725, 0.2980, 0.5927.

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

19.3725, 0.2980, 0.5927

Protanopia

19.2374, 0.4394, 0.4893

Deuteranopia

19.0467, 0.4554, 0.4482



Tritanopia

19.4155, 0.2369, 0.3064

Trichromacy



Original Color

19.3725, 0.2980, 0.5927



Protanomaly

17.7355, 0.3637, 0.5465



Deuteranomaly

17.2788, 0.3733, 0.5186



Tritanomaly

18.8466, 0.2630, 0.4248

Monochromacy



Original Color

19.3725, 0.2980, 0.5927



Achromatopsia

9.0842, 0.3127, 0.3290



Achromatomaly

11.3978, 0.3018, 0.4624

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.3725, 0.2980, 0.5927 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, 142, 12)` looks like.

```
.text, #text, p{  
    color:rgb(0, 142, 12)  
}
```

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, 142, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 142, 12) }
```

Border

The CSS property to change the border of an element to Yxy 19.3725, 0.2980, 0.5927 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, 142, 12) }
```

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

```
.border{ border-color:rgb(0, 142, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 142, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 142, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 142, 12);  
box-shadow:4px 4px 4px 4px rgb(0, 142, 12)  
}
```


Background

The CSS property to change the background color of an element to Yxy 19.3725, 0.2980, 0.5927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 142, 12) }
```

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

```
.background{ background-color: rgb(0, 142,  
12) }
```

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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