

Converting Colors

$Yxy(19.5464, 0.3361, 0.6101)$

Have a look what the booklet for
Yxy(19.5464, 0.3361, 0.6101)
contains.

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Color

Yxy(19.5969, 0.3256, 0.5796)

Conversions

Conversions Part 1

Format	Color
Hex	388C00
RGB	56, 140, 0
RGB Percent	22%, 55%, 0%
CMY	0.7804, 0.4510, 0.9996
CMYK	0.60, 0.00, 1.00, 0.45
HSL	96°, 100%, 27%
HSV	96°, 100%, 55%
XYZ	11.0089, 19.5969, 3.2053
YIQ	98.9240, -5.1240, -61.3480

Conversions

Conversions Part 2

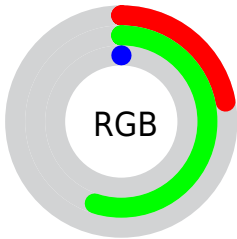
Format	Color
RYB	0, 140, 84
Decimal	3705856
CIELab	51.38, -46.70, 54.42
CIELCh	51, 71.705, 130.634
Yxy	19.5969, 0.3256, 0.5796
Android (android.graphics.Color)	4281895936 (0xFF388C00)
YUV	98.9240, -48.7695, -37.6443
Hunter-Lab	44.2684, -33.0794, 26.6949

Details

The Yxy color **19.5969, 0.3256, 0.5796** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **3.7868, 0.2253, 0.1015**, and the grayscale version is **12.5862, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.5662, 0.3326, 0.5197**, and **7.1448, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **19.5955, 0.3256, 0.5797**, and if you desaturate by 10%, it is **19.8924, 0.3301, 0.5661**.

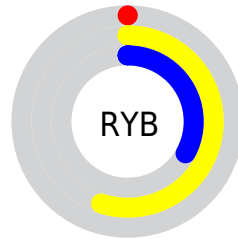
Distribution



Red (22%)

Green (55%)

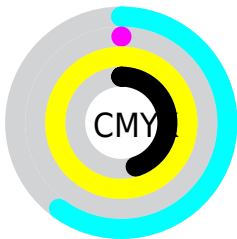
Blue (0%)



Red (0%)

Yellow (55%)

Blue (33%)

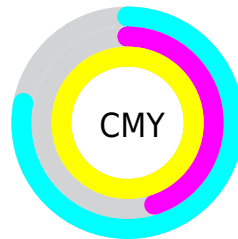


Cyan (60%)

Magenta (0%)

Yellow (100%)

Black (45%)



Cyan (78%)


Magenta (45%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.5969, 0.3256, 0.5796 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 19.5969, 0.3256, 0.5796 by changing the saturation by 10% instead.


 19.5969, 0.3256,
0.5796


 19.5969, 0.3256,
0.5796


249.7245, 0.3302,
0.4303


 12.1024, 0.3158,
0.6225


 42.7403, 0.3323,
0.5201

 6.8134, 0.3037,
0.6963


 59.1580, 0.3330,
0.4991

 3.3457, 0.2540,
0.7460

 79.3188, 0.3331,
0.4821

 1.3148, 0.0418,
0.9582

 103.6073, 0.3327,
0.4681


 0.1526, 0.0000,
1.0000


 132.4076, 0.3322,
0.4563


 0.0000, 0.0000,
0.0000


 166.1044, 0.3316,


0.4463


 205.0818, 0.3309,
0.4378


 19.5969, 0.3256,
0.5796


 19.5969, 0.3256,
0.5796


 19.5955, 0.3256,
0.5797

 19.8924, 0.3301,
0.5661

 20.2503, 0.3336,
0.5482

 20.6838, 0.3354,
0.5251

 21.1984, 0.3353,
0.4980

 21.7990, 0.3337,
0.4685

■ 22.4900, 0.3308,
0.4382

■ 23.2755, 0.3269,
0.4083

■ 24.1592, 0.3225,
0.3798

■ 25.1448, 0.3176,
0.3532

Harmonies

Analogous

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



19.5969, 0.4366, 0.5284



19.5969, 0.3256, 0.5796



19.5969, 0.2170, 0.5059

Triad

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



19.5969, 0.3256, 0.5796



19.5969, 0.1216, 0.1653



19.5969, 0.5093, 0.2792

Complementary

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



19.5969, 0.3256, 0.5796



3.7868, 0.2253, 0.1015

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.



19.5969, 0.3802, 0.2135



19.5969, 0.3256, 0.5796



19.5969, 0.1646, 0.1515

Square

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



19.5969, 0.3256, 0.5796



19.5969, 0.1131, 0.2217



19.5969, 0.2505, 0.1685



19.5969, 0.5634, 0.3541

Rectangle

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



19.5969, 0.3256, 0.5796



19.5969, 0.1613, 0.3973



19.5969, 0.2505, 0.1685



19.5969, 0.4713, 0.2558

Sweetspot

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



19.5977, 0.3256, 0.5796



40.9295, 0.3272, 0.4104



11.9239, 0.5091, 0.4339



9.3088, 0.3288, 0.4214



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.



19.5977, 0.3256, 0.5796



34.4579, 0.3241, 0.5808



18.7898, 0.2975, 0.5909



5.6993, 0.3172, 0.3512



17.4216, 0.3259, 0.5794



0.1239, 0.3604, 0.5521

Inverse Universe

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



3.7868, 0.2253, 0.1015



6.5727, 0.2234, 0.1004



7.0849, 0.3471, 0.1686



5.0310, 0.3078, 0.3070



3.3722, 0.2257, 0.1017



0.0309, 0.2693, 0.1257

Previews

White Background



This preview shows how the Yxy color 19.5969, 0.3256, 0.5796 looks on a white background.

Color Contrast Check

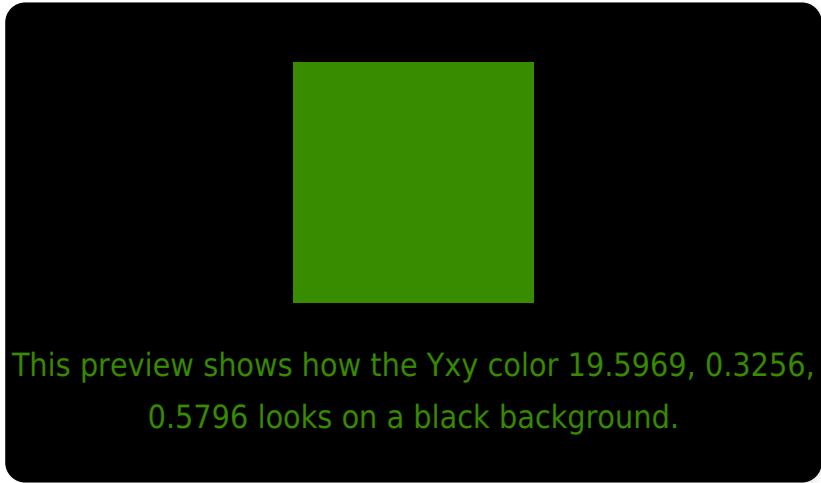
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.5969, 0.3256, 0.5796

Background



This preview shows how black text looks on a background with the Yxy color 19.5969, 0.3256, 0.5796.



This preview shows how white text looks on a background with the Yxy color 19.5969, 0.3256, 0.5796.

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

19.5969, 0.3256, 0.5796

Protanopia

19.2374, 0.4394, 0.4893

Deuteranopia

19.3518, 0.4578, 0.4519



Tritanopia

19.5506, 0.2514, 0.3069

Trichromacy



Original Color

19.5969, 0.3256, 0.5796

Protanomaly

18.8887, 0.3917, 0.5272

Deuteranomaly

18.5625, 0.4048, 0.5038

Tritanomaly

19.1280, 0.2896, 0.4272

Monochromacy



Original Color

19.5969, 0.3256, 0.5796

Achromatopsia

12.4772, 0.3127, 0.3290

Achromatomaly

14.2325, 0.3316, 0.4502

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.5969, 0.3256, 0.5796 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(56, 140, 0)` looks like.

```
.text, #text, p{  
    color:rgb(56, 140, 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(56, 140, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 140, 0) }
```

Border

The CSS property to change the border of an element to Yxy 19.5969, 0.3256, 0.5796 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(56, 140, 0) }
```

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

```
.border{ border-color:rgb(56, 140, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 140, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 140, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 140, 0);  
box-shadow:4px 4px 4px 4px rgb(56, 140, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 19.5969, 0.3256, 0.5796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 140, 0) }
```

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

```
.background{ background-color: rgb(56, 140,  
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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