

Converting Colors

$Y_{xy}(10.8629, 0.4231, 0.5739)$

Have a look what the booklet for
Yxy(10.8629, 0.4231, 0.5739)
contains.

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Color

Yxy(11.0928, 0.3962, 0.5236)

Conversions

Conversions Part 1

Format	Color
Hex	566400
RGB	86, 100, 0
RGB Percent	34%, 39%, 0%
CMY	0.6628, 0.6078, 0.9999
CMYK	0.14, 0.00, 1.00, 0.61
HSL	68°, 100%, 20%
HSV	68°, 100%, 39%
XYZ	8.3937, 11.0928, 1.6991
YIQ	84.4140, 23.7560, -34.0680

Conversions

Conversions Part 2

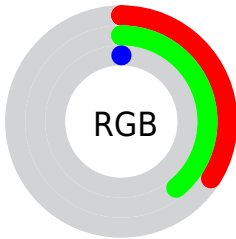
Format	Color
RYB	0, 100, 14
Decimal	5661696
CIELab	39.74, -17.58, 46.12
CIELCh	40, 49.357, 110.869
Yxy	11.0928, 0.3962, 0.5236
Android (android.graphics.Color)	4283851776 (0xFF566400)
YUV	84.4140, -41.6161, 1.3909
Hunter-Lab	33.3059, -13.2996, 20.2894

Details

The Yxy color **11.0928, 0.3962, 0.5236** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1.0143, 0.1589, 0.0649**, and the grayscale version is **9.0403, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.9277, 0.3835, 0.4765**, and **2.9213, 0.3718, 0.5430** is the 20% darker color. If you saturate the color by 10%, you get **11.0932, 0.3962, 0.5236**, and if you desaturate by 10%, it is **11.1825, 0.3943, 0.5140**.

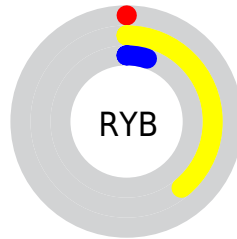
Distribution



Red (34%)

Green (39%)

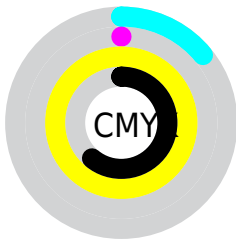
Blue (0%)



Red (0%)

Yellow (39%)

Blue (5%)

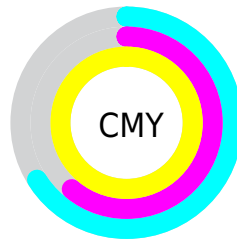


Cyan (14%)

Magenta (0%)

Yellow (100%)

Black (61%)



Cyan (66%)


Magenta (61%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 11.0928, 0.3962, 0.5236 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 11.0928, 0.3962, 0.5236 by changing the saturation by 10% instead.


 11.0928, 0.3962,
0.5236


 11.0928, 0.3962,
0.5236


 198.3031, 0.3540,
0.4056


 6.1293, 0.4042,
0.5628

 27.8316, 0.3834,
0.4763


 2.9239, 0.3979,
0.6021


 40.3758, 0.3774,
0.4596

 1.0921, 0.3528,
0.6472

 56.2155, 0.3721,
0.4461


 0.0000, 0.0000,
0.0000


 75.7354, 0.3675,
0.4351

 99.3196, 0.3634,
0.4258

 127.3528, 0.3599,


0.4180


 160.2191, 0.3568,
0.4114

 11.0928, 0.3962,
0.5236


 11.0928, 0.3962,
0.5236


 11.0932, 0.3962,
0.5236

 11.1825, 0.3943,
0.5140

 11.2796, 0.3914,
0.5027

 11.3927, 0.3862,
0.4874

 11.5234, 0.3789,
0.4688

 11.6731, 0.3699,
0.4475

■ 11.8430, 0.3594,
0.4243

■ 12.0342, 0.3481,
0.4002

■ 12.2479, 0.3363,
0.3759

■ 12.4849, 0.3244,
0.3519

Harmonies

Analogous

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



11.0928, 0.4807, 0.4594



11.0928, 0.3962, 0.5236



11.0928, 0.2970, 0.5261

Triad

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



11.0928, 0.3962, 0.5236



11.0928, 0.1361, 0.2172



11.0928, 0.4103, 0.2480

Complementary

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



11.0928, 0.3962, 0.5236



1.0143, 0.1589, 0.0649

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.



11.0928, 0.2957, 0.1996



11.0928, 0.3962, 0.5236



11.0928, 0.1540, 0.1790

Square

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



11.0928, 0.3962, 0.5236



11.0928, 0.1518, 0.3027



11.0928, 0.2060, 0.1753



11.0928, 0.5025, 0.3122

Rectangle

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



11.0928, 0.3962, 0.5236



11.0928, 0.2342, 0.4708



11.0928, 0.2060, 0.1753



11.0928, 0.3716, 0.2296

Sweetspot

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



11.0933, 0.3962, 0.5236



21.0627, 0.3491, 0.4024



3.0066, 0.6207, 0.3453



5.1570, 0.3526, 0.4097



53.8236, 0.3127, 0.3290



5.4972, 0.3127, 0.3290

Same Dimension

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



11.0933, 0.3962, 0.5236



19.4107, 0.3955, 0.5242



9.5032, 0.3244, 0.5806



3.2495, 0.3232, 0.3495



14.8377, 0.3958, 0.5239



77.1022, 0.3944, 0.5251

Inverse Universe

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



1.0143, 0.1589, 0.0649



1.7440, 0.1571, 0.0639



1.9888, 0.2354, 0.1071



2.7804, 0.3018, 0.3079



1.3431, 0.1579, 0.0644



6.7656, 0.1547, 0.0626

Previews

White Background



This preview shows how the Yxy color 11.0928, 0.3962, 0.5236 looks on a white background.

Color Contrast Check

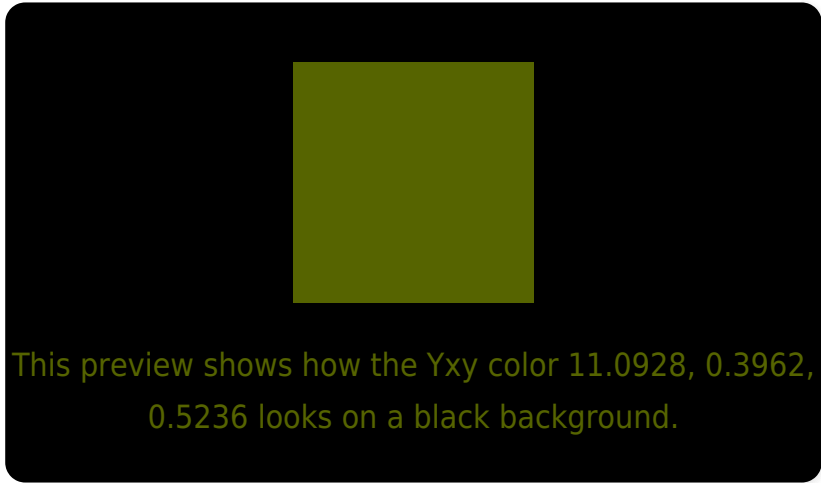
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Yxy 11.0928, 0.3962, 0.5236

Background



This preview shows how black text looks on a background with the Yxy color 11.0928, 0.3962, 0.5236.



This preview shows how white text looks on a background with the Yxy color 11.0928, 0.3962, 0.5236.

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

11.0928, 0.3962, 0.5236

Protanopia

11.0696, 0.4396, 0.4892

Deuteranopia

11.0368, 0.4595, 0.4550



Tritanopia

11.1285, 0.3043, 0.3127

Trichromacy



Original Color

11.0928, 0.3962, 0.5236

Protanomaly

11.0184, 0.4244, 0.5012

Deuteranomaly

10.9170, 0.4362, 0.4802

Tritanomaly

10.9601, 0.3509, 0.4082

Monochromacy



Original Color

11.0928, 0.3962, 0.5236

Achromatopsia

8.8656, 0.3127, 0.3290

Achromatomaly

9.5007, 0.3604, 0.4256

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.0928, 0.3962, 0.5236 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(86, 100, 0)` looks like.

```
.text, #text, p{  
    color:rgb(86, 100, 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(86, 100, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 100, 0) }
```

Border

The CSS property to change the border of an element to Yxy 11.0928, 0.3962, 0.5236 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(86, 100, 0) }
```

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

```
.border{ border-color:rgb(86, 100, 0) }
```

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

Here you see how a box with a 4 pixel rgb(86, 100, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 100, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 100, 0);  
box-shadow:4px 4px 4px 4px rgb(86, 100, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.0928, 0.3962, 0.5236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 100, 0) }
```

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

```
.background{ background-color: rgb(86, 100,  
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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