

Converting Colors

$Yxy(29.2917, 0.3765, 0.5323)$

Have a look what the booklet for
Yxy(29.2917, 0.3765, 0.5323)
contains.

Yxy(29.3137, 0.3759, 0.5328)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(29.3137, 0.3759, 0.5328)

Conversions

Conversions Part 1

Format	Color
Hex	7AA00F
RGB	122, 160, 15
RGB Percent	48%, 63%, 6%
CMY	0.5217, 0.3725, 0.9408
CMYK	0.24, 0.00, 0.91, 0.37
HSL	76°, 83%, 34%
HSV	76°, 91%, 63%
XYZ	20.6813, 29.3137, 5.0232
YIQ	132.1080, 23.8970, -53.1510

Conversions

Conversions Part 2

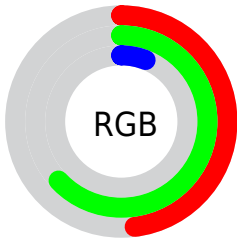
Format	Color
R_{YB}	15, 160, 53
Decimal	8036367
CIE _{Lab}	61.06, -31.41, 61.13
CIE _{LCh}	61, 68.725, 117.196
Yxy	29.3137, 0.3759, 0.5328
Android (android.graphics.Color)	4286226447 (0xFF7AA00F)
YUV	132.1080, -57.7342, -8.8647
Hunter-Lab	54.1421, -26.5649, 32.3987

Details

The Yxy color **29.3137, 0.3759, 0.5328** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **3.6429, 0.1769, 0.0806**, and the grayscale version is **23.3245, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.6304, 0.3701, 0.4923**, and **11.9541, 0.3586, 0.5534** is the 20% darker color. If you saturate the color by 10%, you get **28.9970, 0.3741, 0.5412**, and if you desaturate by 10%, it is **29.6928, 0.3760, 0.5205**.

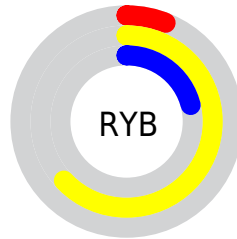
Distribution



Red (48%)

Green (63%)

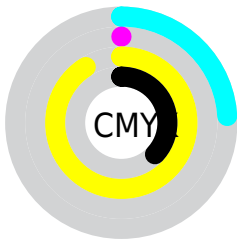
Blue (6%)



Red (6%)

Yellow (63%)

Blue (21%)

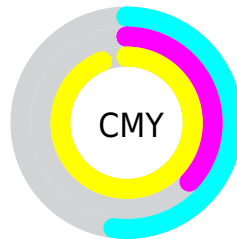


Cyan (24%)

Magenta (0%)

Yellow (91%)

Black (37%)



Cyan (52%)


Magenta (37%)


Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.3137, 0.3759, 0.5328 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 29.3137, 0.3759, 0.5328 by changing the saturation by 10% instead.


 29.3137, 0.3759,
0.5328


 29.3137, 0.3759,
0.5328


298.6922, 0.3517,
0.4231


 19.3183, 0.3766,
0.5596


 58.5751, 0.3704,
0.4925


 11.9005, 0.3738,
0.5926


 78.6099, 0.3672,
0.4773


 6.6759, 0.3646,
0.6354


 102.7599, 0.3641,
0.4645

 3.2603, 0.3301,
0.6699

 131.4095, 0.3612,
0.4537

 1.2691, 0.2382,
0.7618

 164.9432, 0.3585,
0.4444

 0.1171, 0.0000,
1.0000

 203.7453, 0.3561,

 0.0000, 0.0000,

0.4363

0.0000

248.2001, 0.3538,
0.4293

29.3137, 0.3759,
0.5328

29.3137, 0.3759,
0.5328

28.9970, 0.3741,
0.5412

29.6928, 0.3760,
0.5205

30.1259, 0.3737,
0.5037

30.6200, 0.3690,
0.4829

31.1798, 0.3622,
0.4591

31.8095, 0.3538,
0.4334

■ 32.5132, 0.3442,
0.4068

■ 33.2941, 0.3341,
0.3804

■ 34.1556, 0.3236,
0.3547

■ 35.1009, 0.3133,
0.3303

Harmonies

Analogous

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



29.3137, 0.4659, 0.4756



29.3137, 0.3759, 0.5328



29.3137, 0.2759, 0.5150

Triad

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



29.3137, 0.3759, 0.5328



29.3137, 0.1363, 0.2049



29.3137, 0.4345, 0.2602

Complementary

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



29.3137, 0.3759, 0.5328



3.6429, 0.1769, 0.0806

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.



29.3137, 0.3189, 0.2074



29.3137, 0.3759, 0.5328



29.3137, 0.1612, 0.1748

Square

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



29.3137, 0.3759, 0.5328



29.3137, 0.1445, 0.2798



29.3137, 0.2212, 0.1774



29.3137, 0.5152, 0.3265

Rectangle

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



29.3137, 0.3759, 0.5328



29.3137, 0.2159, 0.4466



29.3137, 0.2212, 0.1774



29.3137, 0.3968, 0.2405

Sweetspot

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



29.3150, 0.3759, 0.5328



59.4451, 0.3412, 0.3987



9.9051, 0.5798, 0.3638



12.9422, 0.3444, 0.4072



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



29.3150, 0.3759, 0.5328



52.5423, 0.3733, 0.5418



25.8912, 0.3145, 0.5799



7.6327, 0.3222, 0.3514



22.6079, 0.3745, 0.5408



0.4233, 0.3936, 0.5257

Inverse Universe

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



3.6429, 0.1769, 0.0806



5.4171, 0.1652, 0.0684



7.1513, 0.2651, 0.1281



6.5152, 0.3026, 0.3062



2.3793, 0.1675, 0.0696



0.0613, 0.2077, 0.0918

Previews

White Background



This preview shows how the Yxy color 29.3137, 0.3759, 0.5328 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 29.3137, 0.3759, 0.5328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

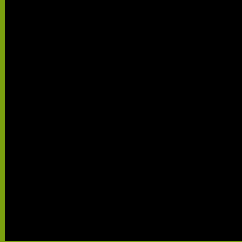
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.3137, 0.3759, 0.5328

Background



This preview shows how black text looks on a background with the Yxy color 29.3137, 0.3759, 0.5328.



This preview shows how white text looks on a background with the Yxy color 29.3137, 0.3759, 0.5328.

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

29.3137, 0.3759, 0.5328

Protanopia

28.9942, 0.4392, 0.4859

Deuteranopia

28.8838, 0.4626, 0.4529



Tritanopia

29.3023, 0.2890, 0.3098

Trichromacy



Original Color

29.3137, 0.3759, 0.5328

Protanomaly

28.9647, 0.4152, 0.5039

Deuteranomaly

28.6234, 0.4304, 0.4827

Tritanomaly

28.6905, 0.3321, 0.4062

Monochromacy



Original Color

29.3137, 0.3759, 0.5328

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

24.6565, 0.3503, 0.4239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.3137, 0.3759, 0.5328 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(122, 160, 15)` looks like.

```
.text, #text, p{  
    color:rgb(122, 160, 15)  
}
```

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(122, 160, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 160, 15) }
```

Border

The CSS property to change the border of an element to Yxy 29.3137, 0.3759, 0.5328 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(122, 160, 15) }
```

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

```
.border{ border-color:rgb(122, 160, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 160, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 160, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 160, 15);  
box-shadow:4px 4px 4px 4px rgb(122, 160,  
15) }
```


Background

The CSS property to change the background color of an element to Yxy 29.3137, 0.3759, 0.5328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 160, 15) }
```

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

```
.background{ background-color: rgb(122,  
160, 15) }
```

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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