

Converting Colors

$Y_{xy}(26.7505, 0.3641, 0.6359)$

Have a look what the booklet for
Yxy(26.7505, 0.3641, 0.6359)
contains.

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Color

Yxy(26.9354, 0.3391, 0.5690)

Conversions

Conversions Part 1

Format	Color
Hex	52A000
RGB	82, 160, 0
RGB Percent	32%, 63%, 0%
CMY	0.6783, 0.3726, 1.0000
CMYK	0.49, 0.00, 1.00, 0.37
HSL	89°, 100%, 31%
HSV	89°, 100%, 63%
XYZ	16.0524, 26.9354, 4.3504
YIQ	118.4380, 4.8720, -66.2960

Conversions

Conversions Part 2

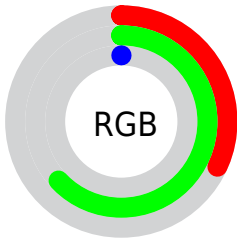
Format	Color
RYB	0, 160, 78
Decimal	5414912
CIELab	58.91, -46.53, 60.79
CIELCh	59, 76.553, 127.431
Yxy	26.9354, 0.3391, 0.5690
Android (android.graphics.Color)	4283604992 (0xFF52A000)
YUV	118.4380, -58.3899, -31.9561
Hunter-Lab	51.8993, -35.6141, 31.3596

Details

The Yxy color **26.9354, 0.3391, 0.5690** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **4.1562, 0.2009, 0.0881**, and the grayscale version is **18.4509, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.5577, 0.3426, 0.5175**, and **10.8107, 0.3049, 0.5961** is the 20% darker color. If you saturate the color by 10%, you get **26.9367, 0.3391, 0.5690**, and if you desaturate by 10%, it is **27.3439, 0.3436, 0.5570**.

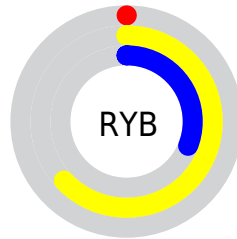
Distribution



Red (32%)

Green (63%)

Blue (0%)



Red (0%)

Yellow (63%)

Blue (31%)

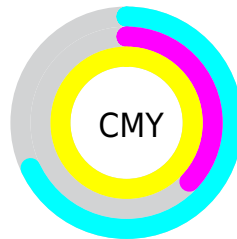


Cyan (49%)

Magenta (0%)

Yellow (100%)

Black (37%)



Cyan (68%)


Magenta (37%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.9354, 0.3391, 0.5690 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 26.9354, 0.3391, 0.5690 by changing the saturation by 10% instead.


 26.9354, 0.3391,
0.5690


 26.9354, 0.3391,
0.5690


287.3442, 0.3366,
0.4339


 17.5247, 0.3329,
0.6044


 54.7802, 0.3425,
0.5176


 10.6093, 0.3212,
0.6517


 73.9831, 0.3423,
0.4988

 5.8048, 0.2941,
0.7059

 97.2188, 0.3416,
0.4832

 2.7267, 0.2386,
0.7614

 124.8718, 0.3407,
0.4701


 0.9908, 0.0000,
1.0000

 157.3265, 0.3397,
0.4589

 0.0000, 0.0000,
0.0000

 194.9671, 0.3386,


0.4494


 238.1783, 0.3376,
0.4411

 26.9354, 0.3391,
0.5690

 26.9354, 0.3391,
0.5690

 26.9367, 0.3391,
0.5690

 27.3439, 0.3436,
0.5570

 27.8216, 0.3465,
0.5408

 28.3837, 0.3474,
0.5195

 29.0368, 0.3461,
0.4942

 29.7867, 0.3429,
0.4663

■ 30.6384, 0.3383,
0.4372

■ 31.5966, 0.3326,
0.4081

■ 32.6658, 0.3262,
0.3800

■ 33.8499, 0.3195,
0.3535

Harmonies

Analogous

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



26.9354, 0.4458, 0.5149



26.9354, 0.3391, 0.5690



26.9354, 0.2317, 0.5115

Triad

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



26.9354, 0.3391, 0.5690



26.9354, 0.1242, 0.1740



26.9354, 0.4909, 0.2741

Complementary

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



26.9354, 0.3391, 0.5690



4.1562, 0.2009, 0.0881

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.



26.9354, 0.3635, 0.2112



26.9354, 0.3391, 0.5690



26.9354, 0.1626, 0.1563

Square

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



26.9354, 0.3391, 0.5690



26.9354, 0.1197, 0.2354



26.9354, 0.2418, 0.1699



26.9354, 0.5537, 0.3472

Rectangle

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



26.9354, 0.3391, 0.5690



26.9354, 0.1741, 0.4121



26.9354, 0.2418, 0.1699



26.9354, 0.4523, 0.2515

Sweetspot

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



26.9367, 0.3391, 0.5690



57.2650, 0.3329, 0.4098



12.8280, 0.5440, 0.4063



12.4043, 0.3353, 0.4212



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.



26.9367, 0.3391, 0.5690



48.7889, 0.3378, 0.5700



25.1585, 0.3004, 0.5997



7.5598, 0.3190, 0.3516



21.0099, 0.3397, 0.5684



0.4008, 0.3708, 0.5438

Inverse Universe

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



4.1562, 0.2009, 0.0881



7.4267, 0.1991, 0.0870



9.7396, 0.3168, 0.1519



6.5859, 0.3060, 0.3064



3.2637, 0.2019, 0.0886



0.0835, 0.2472, 0.1136

Previews

White Background



This preview shows how the Yxy color 26.9354, 0.3391, 0.5690 looks on a white background.

Color Contrast Check

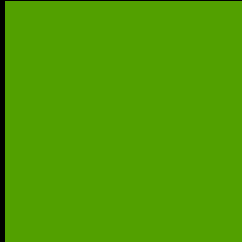
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9354, 0.3391, 0.5690 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 26.9354, 0.3391, 0.5690

Background



This preview shows how black text looks on a background with the Yxy color 26.9354, 0.3391, 0.5690.



This preview shows how white text looks on a background with the Yxy color 26.9354, 0.3391, 0.5690.

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

26.9354, 0.3391, 0.5690

Protanopia

26.4207, 0.4405, 0.4885

Deuteranopia

26.5071, 0.4598, 0.4525



Tritanopia

26.9517, 0.2604, 0.3082

Trichromacy



Original Color

26.9354, 0.3391, 0.5690

Protanomaly

26.0051, 0.3996, 0.5209

Deuteranomaly

25.4498, 0.4134, 0.4983

Tritanomaly

26.1747, 0.3018, 0.4268

Monochromacy



Original Color

26.9354, 0.3391, 0.5690

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

20.2863, 0.3401, 0.4456

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9354, 0.3391, 0.5690 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(82, 160, 0)` looks like.

```
.text, #text, p{  
    color:rgb(82, 160, 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(82, 160, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 160, 0) }
```

Border

The CSS property to change the border of an element to Yxy 26.9354, 0.3391, 0.5690 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(82, 160, 0) }
```

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

```
.border{ border-color:rgb(82, 160, 0) }
```

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

Here you see how a box with a 4 pixel rgb(82, 160, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 160, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 160, 0);  
box-shadow:4px 4px 4px 4px rgb(82, 160, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 26.9354, 0.3391, 0.5690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 160, 0) }
```

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

```
.background{ background-color: rgb(82, 160,  
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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