

Converting Colors

$Y_{xy}(26.3236, 0.3330, 0.5702)$

Have a look what the booklet for
Yxy(26.3236, 0.3330, 0.5702)
contains.

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Color

Yxy(26.3075, 0.3326, 0.5705)

Conversions

Conversions Part 1

Format	Color
Hex	4B9F07
RGB	75, 159, 7
RGB Percent	29%, 62%, 3%
CMY	0.7059, 0.3765, 0.9728
CMYK	0.53, 0.00, 0.96, 0.38
HSL	93°, 92%, 33%
HSV	93°, 96%, 62%
XYZ	15.3372, 26.3075, 4.4684
YIQ	116.5560, -1.2720, -65.0800

Conversions

Conversions Part 2

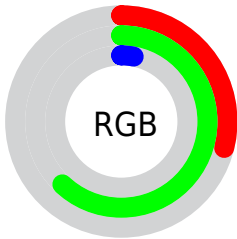
Format	Color
RYB	7, 159, 91
Decimal	4955911
CIELab	58.33, -48.17, 59.17
CIELCh	58, 76.293, 129.149
Yxy	26.3075, 0.3326, 0.5705
Android (android.graphics.Color)	4283145991 (0xFF4B9F07)
YUV	116.5560, -54.0111, -36.4446
Hunter-Lab	51.2908, -36.3831, 30.7384

Details

The Yxy color **26.3075, 0.3326, 0.5705** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **4.8758, 0.2185, 0.1001**, and the grayscale version is **17.8126, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.5741, 0.3377, 0.5176**, and **10.3081, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **26.1435, 0.3305, 0.5758**, and if you desaturate by 10%, it is **26.7336, 0.3370, 0.5566**.

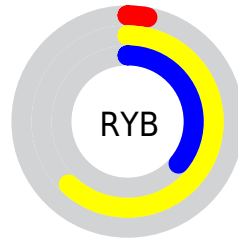
Distribution



Red (29%)

Green (62%)

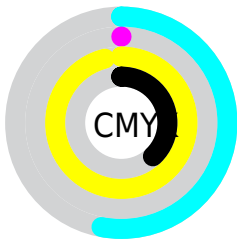
Blue (3%)



Red (3%)

Yellow (62%)

Blue (36%)

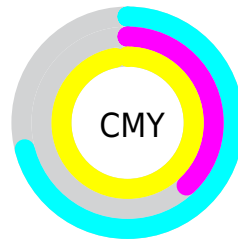


Cyan (53%)

Magenta (0%)

Yellow (96%)

Black (38%)



Cyan (71%)


Magenta (38%)


Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.3075, 0.3326, 0.5705 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 26.3075, 0.3326, 0.5705 by changing the saturation by 10% instead.


 26.3075, 0.3326,
0.5705


 26.3075, 0.3326,
0.5705

284.2883, 0.3333,
0.4331


 17.0538, 0.3256,
0.6072


 53.7706, 0.3371,
0.5177


 10.2729, 0.3127,
0.6564


 72.7488, 0.3373,
0.4986


 5.5803, 0.2845,
0.7155

 95.7373, 0.3370,
0.4828

 2.5916, 0.2251,
0.7749

 123.1206, 0.3364,
0.4695

 0.9224, 0.0000,
1.0000


 155.2829, 0.3357,
0.4583

 0.0000, 0.0000,
0.0000


 192.6087, 0.3349,


0.4487

 235.4824, 0.3341,
0.4404

 26.3075, 0.3326,
0.5705


 26.3075, 0.3326,
0.5705

 26.1435, 0.3305,
0.5758

 26.7336, 0.3370,
0.5566

 27.2470, 0.3397,
0.5371

 27.8570, 0.3403,
0.5129

 28.5703, 0.3391,
0.4852

 29.3929, 0.3362,
0.4556

■ 30.3300, 0.3321,
0.4256

■ 31.3866, 0.3272,
0.3962

■ 32.5674, 0.3217,
0.3684

■ 33.8767, 0.3160,
0.3426

Harmonies

Analogous

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



26.3075, 0.4403, 0.5201



26.3075, 0.3326, 0.5705



26.3075, 0.2256, 0.5051

Triad

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



26.3075, 0.3326, 0.5705



26.3075, 0.1249, 0.1714



26.3075, 0.4976, 0.2779

Complementary

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



26.3075, 0.3326, 0.5705



4.8758, 0.2185, 0.1001

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.



26.3075, 0.3715, 0.2139



26.3075, 0.3326, 0.5705



26.3075, 0.1655, 0.1557

Square

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



26.3075, 0.3326, 0.5705



26.3075, 0.1184, 0.2298



26.3075, 0.2474, 0.1710



26.3075, 0.5555, 0.3515

Rectangle

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



26.3075, 0.3326, 0.5705



26.3075, 0.1695, 0.4031



26.3075, 0.2474, 0.1710



26.3075, 0.4600, 0.2550

Sweetspot

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



26.3086, 0.3326, 0.5705



55.4398, 0.3292, 0.4076



14.7964, 0.5163, 0.4234



12.3288, 0.3312, 0.4195



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.



26.3086, 0.3326, 0.5705



46.7055, 0.3292, 0.5768



24.8760, 0.2991, 0.5920



7.5391, 0.3180, 0.3517



20.6717, 0.3312, 0.5753



0.3944, 0.3635, 0.5496

Inverse Universe

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



4.8758, 0.2185, 0.1001



8.0683, 0.2122, 0.0943



9.7695, 0.3330, 0.1627



6.6068, 0.3070, 0.3065



3.6349, 0.2149, 0.0957



0.0899, 0.2574, 0.1192

Previews

White Background



This preview shows how the Yxy color 26.3075, 0.3326, 0.5705 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 26.3075, 0.3326, 0.5705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

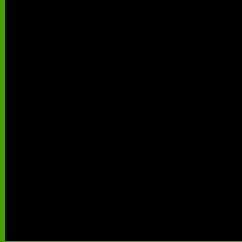
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.3075, 0.3326, 0.5705

Background



This preview shows how black text looks on a background with the Yxy color 26.3075, 0.3326, 0.5705.



This preview shows how white text looks on a background with the Yxy color 26.3075, 0.3326, 0.5705.

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

26.3075, 0.3326, 0.5705

Protanopia

25.9243, 0.4394, 0.4893

Deuteranopia

25.7263, 0.4601, 0.4517



Tritanopia

26.2593, 0.2563, 0.3079

Trichromacy



Original Color

26.3075, 0.3326, 0.5705

Protanomaly

25.3860, 0.3954, 0.5227

Deuteranomaly

24.9009, 0.4099, 0.4982

Tritanomaly

25.5798, 0.2949, 0.4227

Monochromacy



Original Color

26.3075, 0.3326, 0.5705

Achromatopsia

17.7888, 0.3127, 0.3290

Achromatomaly

19.8631, 0.3349, 0.4415

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3075, 0.3326, 0.5705 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(75, 159, 7)` looks like.

```
.text, #text, p{  
    color:rgb(75, 159, 7)  
}
```

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(75, 159, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 159, 7) }
```

Border

The CSS property to change the border of an element to Yxy 26.3075, 0.3326, 0.5705 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(75, 159, 7) }
```

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

```
.border{ border-color:rgb(75, 159, 7) }
```

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

Here you see how a box with a 4 pixel rgb(75, 159, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 159, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 159, 7);  
box-shadow:4px 4px 4px 4px rgb(75, 159, 7)  
}
```


Background

The CSS property to change the background color of an element to Yxy 26.3075, 0.3326, 0.5705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 159, 7) }
```

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

```
.background{ background-color: rgb(75, 159,  
7) }
```

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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