

Converting Colors

$Yxy(26.4629, 0.3248, 0.5803)$

Have a look what the booklet for
Yxy(26.4629, 0.3248, 0.5803)
contains.

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Color

Yxy(26.5797, 0.3245, 0.5805)

Conversions

Conversions Part 1

Format	Color
Hex	40A100
RGB	64, 161, 0
RGB Percent	25%, 63%, 0%
CMY	0.7491, 0.3686, 0.9996
CMYK	0.60, 0.00, 1.00, 0.37
HSL	96°, 100%, 32%
HSV	96°, 100%, 63%
XYZ	14.8581, 26.5797, 4.3498
YIQ	113.6430, -6.1310, -70.6350

Conversions

Conversions Part 2

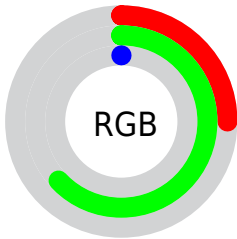
Format	Color
RYB	0, 161, 97
Decimal	4235520
CIELab	58.58, -52.13, 60.22
CIELCh	59, 79.652, 130.882
Yxy	26.5797, 0.3245, 0.5805
Android (android.graphics.Color)	4282425600 (0xFF40A100)
YUV	113.6430, -56.0260, -43.5369
Hunter-Lab	51.5555, -38.7792, 31.0865

Details

The Yxy color **26.5797, 0.3245, 0.5805** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **5.1247, 0.2248, 0.1012**, and the grayscale version is **16.8885, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.3787, 0.3314, 0.5254**, and **10.7251, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **26.5785, 0.3245, 0.5806**, and if you desaturate by 10%, it is **26.9728, 0.3293, 0.5679**.

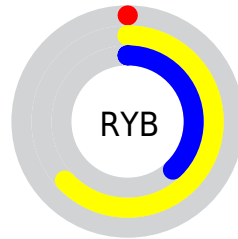
Distribution



Red (25%)

Green (63%)

Blue (0%)



Red (0%)

Yellow (63%)

Blue (38%)

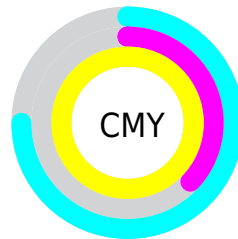


Cyan (60%)

Magenta (0%)

Yellow (100%)

Black (37%)



Cyan (75%)


Magenta (37%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.5797, 0.3245, 0.5805 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 26.5797, 0.3245, 0.5805 by changing the saturation by 10% instead.


 26.5797, 0.3245,
0.5805


 26.5797, 0.3245,
0.5805


285.6163, 0.3304,
0.4370


 17.2578, 0.3158,
0.6189


 54.2087, 0.3312,
0.5253


 10.4185, 0.3008,
0.6709


 73.2846, 0.3322,
0.5053


 5.6773, 0.2689,
0.7311

 96.3806, 0.3324,
0.4888

 2.6499, 0.2049,
0.7951

 123.8811, 0.3323,
0.4750

 0.9518, 0.0000,
1.0000


 156.1705, 0.3320,
0.4633

 0.0000, 0.0000,
0.0000


 193.6333, 0.3315,


0.4532

 236.6538, 0.3309,
0.4446


 26.5797, 0.3245,
0.5805


 26.5797, 0.3245,
0.5805


 26.5785, 0.3245,
0.5806

 26.9728, 0.3293,
0.5679

 27.4543, 0.3331,
0.5504

 28.0407, 0.3350,
0.5274

 28.7398, 0.3352,
0.5002

 29.5587, 0.3337,
0.4704

■ 30.5035, 0.3308,
0.4397

■ 31.5801, 0.3270,
0.4094

■ 32.7938, 0.3225,
0.3805

■ 34.1498, 0.3177,
0.3535

Harmonies

Analogous

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



26.5797, 0.4359, 0.5295



26.5797, 0.3245, 0.5805



26.5797, 0.2158, 0.5054

Triad

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



26.5797, 0.3245, 0.5805



26.5797, 0.1214, 0.1646



26.5797, 0.5108, 0.2796

Complementary

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



26.5797, 0.3245, 0.5805



5.1247, 0.2248, 0.1012

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.



26.5797, 0.3816, 0.2136



26.5797, 0.3245, 0.5805



26.5797, 0.1647, 0.1511

Square

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



26.5797, 0.3245, 0.5805



26.5797, 0.1125, 0.2206



26.5797, 0.2512, 0.1684



26.5797, 0.5642, 0.3546

Rectangle

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



26.5797, 0.3245, 0.5805



26.5797, 0.1603, 0.3961



26.5797, 0.2512, 0.1684



26.5797, 0.4729, 0.2561

Sweetspot

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



26.5808, 0.3245, 0.5805



56.4250, 0.3272, 0.4113



16.0616, 0.5104, 0.4328



12.2031, 0.3288, 0.4232



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.



26.5808, 0.3245, 0.5805



47.4889, 0.3232, 0.5816



25.5303, 0.2978, 0.5921



8.0258, 0.3173, 0.3518



21.2483, 0.3251, 0.5801



0.4735, 0.3553, 0.5561

Inverse Universe

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



5.1247, 0.2248, 0.1012



9.0519, 0.2231, 0.1003



9.6216, 0.3475, 0.1688



7.0612, 0.3077, 0.3064



4.1132, 0.2255, 0.1016



0.1127, 0.2610, 0.1212

Previews

White Background



This preview shows how the Yxy color 26.5797, 0.3245, 0.5805 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 26.5797, 0.3245, 0.5805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

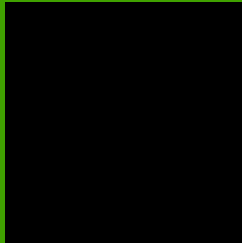
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.5797, 0.3245, 0.5805

Background



This preview shows how black text looks on a background with the Yxy color 26.5797, 0.3245, 0.5805.



This preview shows how white text looks on a background with the Yxy color 26.5797, 0.3245, 0.5805.

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

26.5797, 0.3245, 0.5805

Protanopia

26.0253, 0.4406, 0.4884

Deuteranopia

26.1207, 0.4594, 0.4515



Tritanopia

26.5950, 0.2505, 0.3078

Trichromacy



Original Color

26.5797, 0.3245, 0.5805



Protanomaly

25.4649, 0.3915, 0.5274



Deuteranomaly

24.8537, 0.4047, 0.5040



Tritanomaly

25.8398, 0.2893, 0.4297

Monochromacy



Original Color

26.5797, 0.3245, 0.5805



Achromatopsia

16.8269, 0.3127, 0.3290



Achromatomaly

19.2004, 0.3319, 0.4506

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5797, 0.3245, 0.5805 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(64, 161, 0)` looks like.

```
.text, #text, p{  
    color:rgb(64, 161, 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(64, 161, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 161, 0) }
```

Border

The CSS property to change the border of an element to Yxy 26.5797, 0.3245, 0.5805 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(64, 161, 0) }
```

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

```
.border{ border-color:rgb(64, 161, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 161, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 161, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 161, 0);  
box-shadow:4px 4px 4px 4px rgb(64, 161, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 26.5797, 0.3245, 0.5805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 161, 0) }
```

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

```
.background{ background-color: rgb(64, 161,  
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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