

Converting Colors

$Yxy(26.3023, 0.3214, 0.5830)$

Have a look what the booklet for
Yxy(26.3023, 0.3214, 0.5830)
contains.

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Color

Yxy(26.4195, 0.3212, 0.5832)

Conversions

Conversions Part 1

Format	Color
Hex	3BA100
RGB	59, 161, 0
RGB Percent	23%, 63%, 0%
CMY	0.7684, 0.3686, 1.0000
CMYK	0.63, 0.00, 1.00, 0.37
HSL	98°, 100%, 32%
HSV	98°, 100%, 63%
XYZ	14.5507, 26.4195, 4.3308
YIQ	112.1480, -9.1110, -71.6950

Conversions

Conversions Part 2

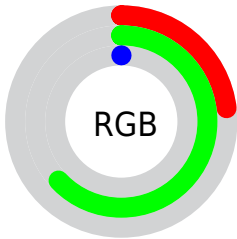
Format	Color
RYB	0, 161, 102
Decimal	3907840
CIELab	58.43, -53.36, 60.06
CIElCh	58, 80.340, 131.616
Yxy	26.4195, 0.3212, 0.5832
Android (android.graphics.Color)	4282097920 (0xFF3BA100)
YUV	112.1480, -55.2890, -46.6108
Hunter-Lab	51.3999, -39.4188, 30.9844

Details

The Yxy color **26.4195, 0.3212, 0.5832** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **5.3946, 0.2315, 0.1049**, and the grayscale version is **16.4216, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.0867, 0.3287, 0.5271**, and **10.7251, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **26.4207, 0.3212, 0.5832**, and if you desaturate by 10%, it is **26.8013, 0.3260, 0.5706**.

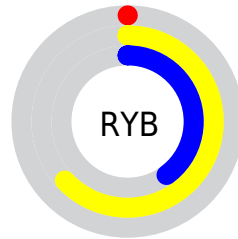
Distribution



Red (23%)

Green (63%)

Blue (0%)



Red (0%)

Yellow (63%)

Blue (40%)

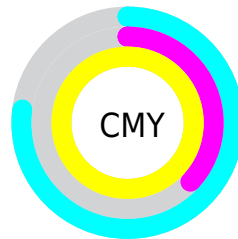


Cyan (63%)

Magenta (0%)

Yellow (100%)

Black (37%)



Cyan (77%)


Magenta (37%)


Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.4195, 0.3212, 0.5832 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 26.4195, 0.3212, 0.5832 by changing the saturation by 10% instead.

 26.4195, 0.3212,
0.5832

 26.4195, 0.3212,
0.5832


284.8353, 0.3290,
0.4377


 17.1377, 0.3119,
0.6224


 53.9509, 0.3287,
0.5271

 10.3327, 0.2961,
0.6756


 72.9694, 0.3299,
0.5068

 5.6201, 0.2630,
0.7370

 96.0022, 0.3304,
0.4900

 2.6155, 0.1959,
0.8041

 123.4338, 0.3304,
0.4761

 0.9345, 0.0000,
1.0000


 155.6485, 0.3302,
0.4642


 0.0000, 0.0000,
0.0000

 193.0307, 0.3299,

0.4541


 235.9649, 0.3294,
0.4453

 26.4195, 0.3212,
0.5832

 26.4195, 0.3212,
0.5832

 26.4207, 0.3212,
0.5832

 26.8013, 0.3260,
0.5706

 27.2760, 0.3298,
0.5529

 27.8607, 0.3320,
0.5295

 28.5637, 0.3324,
0.5019

 29.3925, 0.3313,
0.4717

■ 30.3537, 0.3289,
0.4406

■ 31.4535, 0.3256,
0.4100

■ 32.6974, 0.3216,
0.3808

■ 34.0910, 0.3172,
0.3537

Harmonies

Analogous

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



26.4195, 0.4336, 0.5328



26.4195, 0.3212, 0.5832



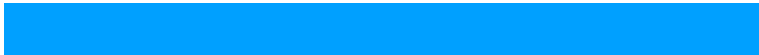
26.4195, 0.2123, 0.5040

Triad

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



26.4195, 0.3212, 0.5832



26.4195, 0.1207, 0.1625



26.4195, 0.5152, 0.2807

Complementary

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



26.4195, 0.3212, 0.5832



5.3946, 0.2315, 0.1049

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.



26.4195, 0.3857, 0.2141



26.4195, 0.3212, 0.5832



26.4195, 0.1651, 0.1499

Square

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



26.4195, 0.3212, 0.5832



26.4195, 0.1109, 0.2174



26.4195, 0.2533, 0.1680



26.4195, 0.5665, 0.3562

Rectangle

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



26.4195, 0.3212, 0.5832



26.4195, 0.1572, 0.3925



26.4195, 0.2533, 0.1680



26.4195, 0.4776, 0.2571

Sweetspot

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



26.4207, 0.3212, 0.5832



56.2140, 0.3258, 0.4117



16.5542, 0.5059, 0.4365



12.1528, 0.3272, 0.4237



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.



26.4207, 0.3212, 0.5832



47.2153, 0.3200, 0.5842



25.5355, 0.2973, 0.5904



8.0156, 0.3169, 0.3518



21.1234, 0.3218, 0.5827



0.4700, 0.3518, 0.5589

Inverse Universe

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



5.3946, 0.2315, 0.1049



9.5463, 0.2299, 0.1040



9.5364, 0.3523, 0.1715



7.0717, 0.3082, 0.3065



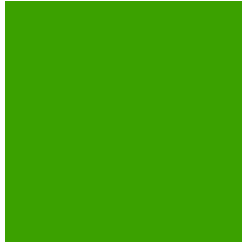
4.3322, 0.2322, 0.1053



0.1164, 0.2655, 0.1236

Previews

White Background



This preview shows how the Yxy color 26.4195, 0.3212, 0.5832 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 26.4195, 0.3212, 0.5832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

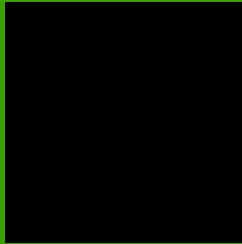
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.4195, 0.3212, 0.5832

Background



This preview shows how black text looks on a background with the Yxy color 26.4195, 0.3212, 0.5832.



This preview shows how white text looks on a background with the Yxy color 26.4195, 0.3212, 0.5832.

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

26.4195, 0.3212, 0.5832

Protanopia

26.0253, 0.4406, 0.4884

Deuteranopia

25.8481, 0.4607, 0.4503



Tritanopia

26.4476, 0.2484, 0.3076

Trichromacy



Original Color

26.4195, 0.3212, 0.5832



Protanomaly

25.3174, 0.3891, 0.5292



Deuteranomaly

24.6894, 0.4023, 0.5057



Tritanomaly

25.6683, 0.2862, 0.4305

Monochromacy



Original Color

26.4195, 0.3212, 0.5832



Achromatopsia

16.2029, 0.3127, 0.3290



Achromatomaly

18.7474, 0.3306, 0.4546

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4195, 0.3212, 0.5832 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(59, 161, 0)` looks like.

```
.text, #text, p{  
    color:rgb(59, 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(59, 161, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 161, 0) }
```

Border

The CSS property to change the border of an element to Yxy 26.4195, 0.3212, 0.5832 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(59, 161, 0) }
```

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

```
.border{ border-color:rgb(59, 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(59, 161, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 161, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 161, 0);  
box-shadow:4px 4px 4px 4px rgb(59, 161, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 26.4195, 0.3212, 0.5832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 161, 0) }
```

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

```
.background{ background-color: rgb(59, 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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