

Converting Colors

$Yxy(24.1268, 0.3404, 0.5492)$

Have a look what the booklet for
Yxy(24.1268, 0.3404, 0.5492)
contains.

Yxy(24.0926, 0.3401, 0.5495)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(24.0926, 0.3401, 0.5495)

Conversions

Conversions Part 1

Format	Color
Hex	54971A
RGB	84, 151, 26
RGB Percent	33%, 59%, 10%
CMY	0.6704, 0.4079, 0.8981
CMYK	0.44, 0.00, 0.83, 0.41
HSL	92°, 71%, 35%
HSV	92°, 83%, 59%
XYZ	14.9115, 24.0926, 4.8404
YIQ	116.7170, 0.1930, -53.0790

Conversions

Conversions Part 2

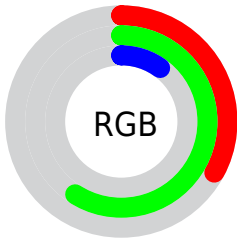
Format	Color
R_{YB}	26, 151, 93
Decimal	5543706
CIE _{Lab}	56.18, -41.45, 53.60
CIE _{LCh}	56, 67.759, 127.718
Yxy	24.0926, 0.3401, 0.5495
Android (android.graphics.Color)	4283733786 (0xFF54971A)
YUV	116.7170, -44.7235, -28.6928
Hunter-Lab	49.0842, -31.6699, 28.5121

Details

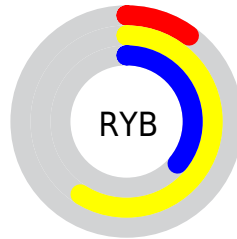
The Yxy color **24.0926, 0.3401, 0.5495** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **5.2967, 0.2299, 0.1164**, and the grayscale version is **17.8405, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.2408, 0.3412, 0.5006**, and **9.1179, 0.3129, 0.5897** is the 20% darker color. If you saturate the color by 10%, you get **23.6909, 0.3363, 0.5649**, and if you desaturate by 10%, it is **24.5750, 0.3420, 0.5287**.

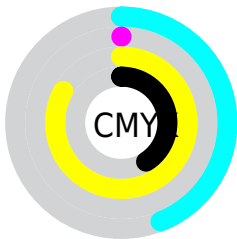
Distribution



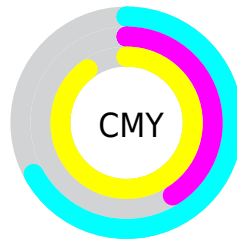
- Red (33%)
- Green (59%)
- Blue (10%)



- Red (10%)
- Yellow (59%)
- Blue (36%)



- Cyan (44%)
- Magenta (0%)
- Yellow (83%)
- Black (41%)





- Cyan (67%)
- Magenta (41%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.0926, 0.3401, 0.5495 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 24.0926, 0.3401, 0.5495 by changing the saturation by 10% instead.


 24.0926, 0.3401,
0.5495

 24.0926, 0.3401,
0.5495


273.2883, 0.3344,
0.4226


 15.4023, 0.3357,
0.5847


 50.1813, 0.3415,
0.5000

 9.1022, 0.3258,
0.6316


 68.3485, 0.3408,
0.4823

 4.8079, 0.3043,
0.6957

 90.4434, 0.3398,
0.4678

 2.1350, 0.2444,
0.7556

 116.8505, 0.3387,
0.4557

 0.6842, 0.0000,
1.0000

 147.9541, 0.3375,
0.4455

 0.0000, 0.0000,
0.0000

 184.1387, 0.3364,

0.4367

225.7886, 0.3354,
0.4292

24.0926, 0.3401,
0.5495

24.0926, 0.3401,
0.5495

23.6909, 0.3363,
0.5649

24.5750, 0.3420,
0.5287

23.4391, 0.3330,
0.5738

25.1414, 0.3418,
0.5036

25.7982, 0.3398,
0.4756

26.5504, 0.3363,
0.4461

27.4024, 0.3316,
0.4165

■ 28.3583, 0.3262,
0.3878

■ 29.4222, 0.3204,
0.3607

■ 30.5975, 0.3144,
0.3356

■ 31.8879, 0.3084,
0.3127

Harmonies

Analogous

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



24.0926, 0.4401, 0.5061



24.0926, 0.3401, 0.5495



24.0926, 0.2386, 0.4931

Triad

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



24.0926, 0.3401, 0.5495



24.0926, 0.1350, 0.1839



24.0926, 0.4778, 0.2797

Complementary

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



24.0926, 0.3401, 0.5495



5.2967, 0.2299, 0.1164

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.



24.0926, 0.3615, 0.2193



24.0926, 0.3401, 0.5495



24.0926, 0.1725, 0.1664

Square

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



24.0926, 0.3401, 0.5495



24.0926, 0.1309, 0.2428



24.0926, 0.2483, 0.1795



24.0926, 0.5365, 0.3504

Rectangle

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



24.0926, 0.3401, 0.5495



24.0926, 0.1839, 0.4041



24.0926, 0.2483, 0.1795



24.0926, 0.4426, 0.2579

Sweetspot

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



24.0936, 0.3401, 0.5495



50.3052, 0.3277, 0.3954



14.4225, 0.4932, 0.4226



11.3070, 0.3295, 0.4047



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



24.0936, 0.3401, 0.5495



41.9295, 0.3321, 0.5739



22.4465, 0.2997, 0.5737



7.0591, 0.3183, 0.3515



19.9575, 0.3334, 0.5735



0.3197, 0.3673, 0.5465

Inverse Universe

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



5.2967, 0.2299, 0.1164



7.1133, 0.2101, 0.0935



9.4185, 0.3272, 0.1676



6.1810, 0.3067, 0.3066



3.4016, 0.2115, 0.0939



0.0725, 0.2578, 0.1194

Previews

White Background



This preview shows how the Yxy color 24.0926, 0.3401, 0.5495 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 24.0926, 0.3401, 0.5495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

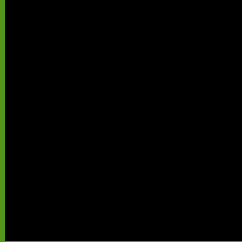
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.0926, 0.3401, 0.5495

Background



This preview shows how black text looks on a background with the Yxy color 24.0926, 0.3401, 0.5495.



This preview shows how white text looks on a background with the Yxy color 24.0926, 0.3401, 0.5495.

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

24.0926, 0.3401, 0.5495

Protanopia

23.6836, 0.4349, 0.4808

Deuteranopia

23.6501, 0.4551, 0.4465



Tritanopia

24.1415, 0.2647, 0.3092

Trichromacy



Original Color

24.0926, 0.3401, 0.5495

Protanomaly

23.3301, 0.3978, 0.5076

Deuteranomaly

23.0422, 0.4096, 0.4862

Tritanomaly

23.7243, 0.2984, 0.4058

Monochromacy



Original Color

24.0926, 0.3401, 0.5495

Achromatopsia

17.7888, 0.3127, 0.3290

Achromatomaly

19.3439, 0.3326, 0.4211

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.0926, 0.3401, 0.5495 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(84, 151, 26)` looks like.

```
.text, #text, p{  
    color:rgb(84, 151, 26)  
}
```

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(84, 151, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 151, 26) }
```

Border

The CSS property to change the border of an element to Yxy 24.0926, 0.3401, 0.5495 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(84, 151, 26) }
```

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

```
.border{ border-color:rgb(84, 151, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 151, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 151, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 151, 26);  
box-shadow:4px 4px 4px 4px rgb(84, 151,  
26) }
```


Background

The CSS property to change the background color of an element to Yxy 24.0926, 0.3401, 0.5495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 151, 26) }
```

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

```
.background{ background-color: rgb(84, 151,  
26) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor