

Converting Colors

$Yxy(24.5824, 0.3439, 0.5344)$

Have a look what the booklet for
Yxy(24.5824, 0.3439, 0.5344)
contains.

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Color

Yxy(24.5359, 0.3441, 0.5345)

Conversions

Conversions Part 1

Format	Color
Hex	5C9724
RGB	92, 151, 36
RGB Percent	36%, 59%, 14%
CMY	0.6394, 0.4078, 0.8588
CMYK	0.39, 0.00, 0.76, 0.41
HSL	91°, 61%, 37%
HSV	91°, 76%, 59%
XYZ	15.7957, 24.5359, 5.5728
YIQ	120.2490, 1.7510, -48.2730

Conversions

Conversions Part 2

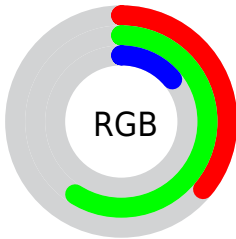
Format	Color
R_{YB}	36, 151, 95
Decimal	6068004
CIE Lab	56.62, -38.12, 50.95
CIE LCh	57, 63.634, 126.804
Yxy	24.5359, 0.3441, 0.5345
Android (android.graphics.Color)	4284258084 (0xFF5C9724)
YUV	120.2490, -41.5348, -24.7744
Hunter-Lab	49.5337, -29.7625, 28.0032

Details

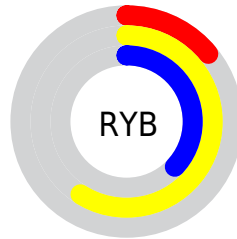
The Yxy color **24.5359, 0.3441, 0.5345** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **5.9331, 0.2342, 0.1270**, and the grayscale version is **18.9995, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.0669, 0.3440, 0.4892**, and **9.2987, 0.3241, 0.5808** is the 20% darker color. If you saturate the color by 10%, you get **24.0844, 0.3418, 0.5533**, and if you desaturate by 10%, it is **25.0693, 0.3444, 0.5111**.

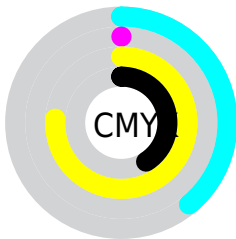
Distribution



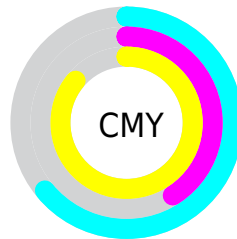
- Red (36%)
- Green (59%)
- Blue (14%)



- Red (14%)
- Yellow (59%)
- Blue (37%)



- Cyan (39%)
- Magenta (0%)
- Yellow (76%)
- Black (41%)





- Cyan (64%)
- Magenta (41%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.5359, 0.3441, 0.5345 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 24.5359, 0.3441, 0.5345 by changing the saturation by 10% instead.


 24.5359, 0.3441,
0.5345


 24.5359, 0.3441,
0.5345


275.5187, 0.3348,
0.4166


 15.7316, 0.3416,
0.5674


 50.9033, 0.3436,
0.4885


 9.3344, 0.3340,
0.6103


 69.2352, 0.3424,
0.4721


 4.9600, 0.3211,
0.6789

 91.5118, 0.3410,
0.4586

 2.2238, 0.2690,
0.7310

 118.1175, 0.3397,
0.4474

 0.7329, 0.0000,
1.0000

 149.4366, 0.3383,
0.4379

 0.0000, 0.0000,
0.0000

 185.8536, 0.3371,

0.4297

227.7528, 0.3359,
0.4227

■ 24.5359, 0.3441,
0.5345

■ 24.5359, 0.3441,
0.5345

■ 24.0844, 0.3418,
0.5533

■ 25.0693, 0.3444,
0.5111

■ 23.7041, 0.3376,
0.5668

■ 25.6870, 0.3426,
0.4842

■ 23.5712, 0.3359,
0.5715

■ 26.3950, 0.3393,
0.4554

■ 27.1976, 0.3346,
0.4260

■ 28.0991, 0.3290,
0.3971

■ 29.1032, 0.3229,
0.3695

■ 30.2136, 0.3166,
0.3438

■ 31.4336, 0.3103,
0.3202

■ 32.7665, 0.3041,
0.2988

Harmonies

Analogous

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



24.5359, 0.4383, 0.4961



24.5359, 0.3441, 0.5345



24.5359, 0.2471, 0.4835

Triad

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



24.5359, 0.3441, 0.5345



24.5359, 0.1429, 0.1931



24.5359, 0.4643, 0.2814

Complementary

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



24.5359, 0.3441, 0.5345



5.9331, 0.2342, 0.1270

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.



24.5359, 0.3554, 0.2236



24.5359, 0.3441, 0.5345



24.5359, 0.1782, 0.1745

Square

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



24.5359, 0.3441, 0.5345



24.5359, 0.1403, 0.2516



24.5359, 0.2497, 0.1861



24.5359, 0.5224, 0.3496

Rectangle

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



24.5359, 0.3441, 0.5345



24.5359, 0.1940, 0.4032



24.5359, 0.2497, 0.1861



24.5359, 0.4310, 0.2605

Sweetspot

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



24.5370, 0.3441, 0.5345



50.7811, 0.3274, 0.3895



14.6261, 0.4833, 0.4148



11.4103, 0.3294, 0.3989



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.



24.5370, 0.3441, 0.5345



42.6598, 0.3391, 0.5628



22.6390, 0.3017, 0.5638



7.0657, 0.3186, 0.3515



20.0667, 0.3363, 0.5712



0.3215, 0.3699, 0.5445

Inverse Universe

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



5.9331, 0.2342, 0.1270



7.7014, 0.2143, 0.0996



10.0772, 0.3202, 0.1700



6.1744, 0.3064, 0.3065



3.2792, 0.2071, 0.0915



0.0707, 0.2543, 0.1175

Previews

White Background



This preview shows how the Yxy color 24.5359, 0.3441, 0.5345 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 24.5359, 0.3441, 0.5345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

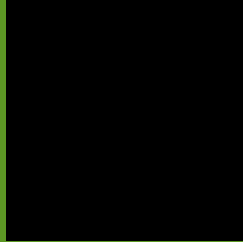
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.5359, 0.3441, 0.5345

Background



This preview shows how black text looks on a background with the Yxy color 24.5359, 0.3441, 0.5345.



This preview shows how white text looks on a background with the Yxy color 24.5359, 0.3441, 0.5345.

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

24.5359, 0.3441, 0.5345

Protanopia

24.3880, 0.4290, 0.4753

Deuteranopia

24.0706, 0.4502, 0.4410



Tritanopia

24.5049, 0.2699, 0.3094

Trichromacy



Original Color

24.5359, 0.3441, 0.5345

Protanomaly

23.9054, 0.3963, 0.4984

Deuteranomaly

23.4382, 0.4099, 0.4755

Tritanomaly

24.2014, 0.3016, 0.3963

Monochromacy



Original Color

24.5359, 0.3441, 0.5345

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

20.2689, 0.3329, 0.4126

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.5359, 0.3441, 0.5345 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(92, 151, 36)` looks like.

```
.text, #text, p{  
    color:rgb(92, 151, 36)  
}
```

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(92, 151, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 151, 36) }
```

Border

The CSS property to change the border of an element to Yxy 24.5359, 0.3441, 0.5345 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(92, 151, 36) }
```

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

```
.border{ border-color:rgb(92, 151, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 151, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 151, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 151, 36);  
box-shadow:4px 4px 4px 4px rgb(92, 151,  
36) }
```


Background

The CSS property to change the background color of an element to Yxy 24.5359, 0.3441, 0.5345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 151, 36) }
```

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

```
.background{ background-color: rgb(92, 151,  
36) }
```

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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