

Converting Colors

$Y_{xy}(24.2814, 0.3722, 0.5427)$

Have a look what the booklet for
Yxy(24.2814, 0.3722, 0.5427)
contains.

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Color

Yxy(24.3056, 0.3720, 0.5429)

Conversions

Conversions Part 1

Format	Color
Hex	6B9400
RGB	107, 148, 0
RGB Percent	42%, 58%, 0%
CMY	0.5803, 0.4196, 1.0000
CMYK	0.28, 0.00, 1.00, 0.42
HSL	77°, 100%, 29%
HSV	77°, 100%, 58%
XYZ	16.6544, 24.3056, 3.8099
YIQ	118.8690, 23.0720, -54.7200

Conversions

Conversions Part 2

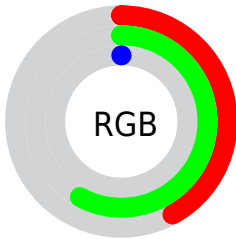
Format	Color
RYB	0, 148, 41
Decimal	7050240
CIELab	56.39, -32.25, 59.40
CIELCh	56, 67.587, 118.496
Yxy	24.3056, 0.3720, 0.5429
Android (android.graphics.Color)	4285240320 (0xFF6B9400)
YUV	118.8690, -58.6024, -10.4091
Hunter-Lab	49.3007, -25.9766, 29.9286

Details

The Yxy color **24.3056, 0.3720, 0.5429** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **2.6092, 0.1689, 0.0704**, and the grayscale version is **18.5896, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.3646, 0.3674, 0.4984**, and **9.3063, 0.3472, 0.5626** is the 20% darker color. If you saturate the color by 10%, you get **24.3069, 0.3720, 0.5429**, and if you desaturate by 10%, it is **24.6010, 0.3738, 0.5333**.

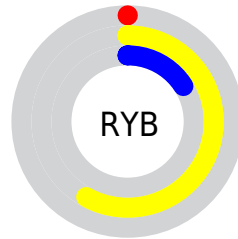
Distribution



Red (42%)

Green (58%)

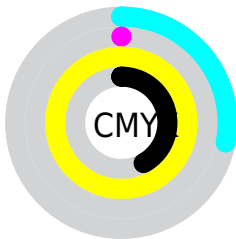
Blue (0%)



Red (0%)

Yellow (58%)

Blue (16%)

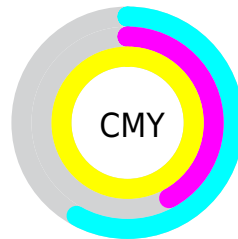


Cyan (28%)

Magenta (0%)

Yellow (100%)

Black (42%)



Cyan (58%)


Magenta (42%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.3056, 0.3720, 0.5429 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 24.3056, 0.3720, 0.5429 by changing the saturation by 10% instead.


 24.3056, 0.3720,
0.5429

 24.3056, 0.3720,
0.5429


274.3619, 0.3500,
0.4242

 15.5605, 0.3712,
0.5728


 50.5284, 0.3677,
0.4984

 9.2137, 0.3686,
0.6157


 68.7749, 0.3648,
0.4819

 4.8808, 0.3468,
0.6532

 90.9573, 0.3619,
0.4681

 2.1775, 0.3018,
0.6982

 117.4601, 0.3591,
0.4565

 0.7077, 0.0000,
1.0000


 148.6675, 0.3565,
0.4466


 0.0000, 0.0000,
0.0000


 184.9640, 0.3541,


0.4381


 226.7340, 0.3520,
0.4307


 24.3056, 0.3720,
0.5429

 24.3056, 0.3720,
0.5429


 24.3069, 0.3720,
0.5429

 24.6010, 0.3738,
0.5333

 24.9311, 0.3739,
0.5203

 25.3090, 0.3716,
0.5028

 25.7392, 0.3669,
0.4816

 26.2257, 0.3603,
0.4574

■ 26.7719, 0.3520,
0.4316

■ 27.3810, 0.3428,
0.4050

■ 28.0560, 0.3329,
0.3786

■ 28.7995, 0.3227,
0.3531

Harmonies

Analogous

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



24.3056, 0.4666, 0.4827



24.3056, 0.3720, 0.5429



24.3056, 0.2688, 0.5218

Triad

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



24.3056, 0.3720, 0.5429



24.3056, 0.1309, 0.1975



24.3056, 0.4448, 0.2599

Complementary

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



24.3056, 0.3720, 0.5429



2.6092, 0.1689, 0.0704

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.



24.3056, 0.3239, 0.2049



24.3056, 0.3720, 0.5429



24.3056, 0.1578, 0.1689

Square

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



24.3056, 0.3720, 0.5429



24.3056, 0.1373, 0.2722



24.3056, 0.2210, 0.1731



24.3056, 0.5261, 0.3282

Rectangle

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



24.3056, 0.3720, 0.5429



24.3056, 0.2077, 0.4469



24.3056, 0.2210, 0.1731



24.3056, 0.4056, 0.2396

Sweetspot

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



24.3069, 0.3720, 0.5429



48.2445, 0.3433, 0.4066



7.7778, 0.6011, 0.3609



10.9167, 0.3470, 0.4168



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



24.3069, 0.3720, 0.5429



42.7989, 0.3711, 0.5436



21.5292, 0.3099, 0.5921



6.6648, 0.3219, 0.3511



20.7759, 0.3723, 0.5426



0.2690, 0.3956, 0.5241

Inverse Universe

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



2.6092, 0.1689, 0.0704



4.5284, 0.1672, 0.0695



5.6799, 0.2635, 0.1225



5.7061, 0.3030, 0.3064



2.2408, 0.1694, 0.0707



0.0406, 0.2133, 0.0949

Previews

White Background



This preview shows how the Yxy color 24.3056, 0.3720, 0.5429 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 24.3056, 0.3720, 0.5429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

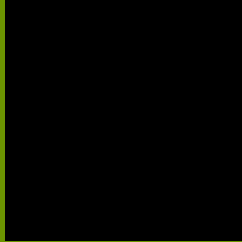
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.3056, 0.3720, 0.5429

Background



This preview shows how black text looks on a background with the Yxy color 24.3056, 0.3720, 0.5429.



This preview shows how white text looks on a background with the Yxy color 24.3056, 0.3720, 0.5429.

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

24.3056, 0.3720, 0.5429

Protanopia

24.0033, 0.4401, 0.4888

Deuteranopia

24.0682, 0.4621, 0.4539



Tritanopia

24.4118, 0.2843, 0.3099

Trichromacy



Original Color

24.3056, 0.3720, 0.5429

Protanomaly

23.9904, 0.4145, 0.5091

Deuteranomaly

23.5747, 0.4298, 0.4870

Tritanomaly

23.8852, 0.3308, 0.4171

Monochromacy



Original Color

24.3056, 0.3720, 0.5429

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

20.1319, 0.3529, 0.4343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.3056, 0.3720, 0.5429 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(107, 148, 0)` looks like.

```
.text, #text, p{  
    color:rgb(107, 148, 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(107, 148, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 148, 0) }
```

Border

The CSS property to change the border of an element to Yxy 24.3056, 0.3720, 0.5429 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(107, 148, 0) }
```

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

```
.border{ border-color:rgb(107, 148, 0) }
```

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

Here you see how a box with a 4 pixel rgb(107, 148, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 148, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 148, 0);  
box-shadow:4px 4px 4px 4px rgb(107, 148,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 24.3056, 0.3720, 0.5429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 148, 0) }
```

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

```
.background{ background-color: rgb(107,  
148, 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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