

Converting Colors

$Yxy(24.5235, 0.3830, 0.5793)$

Have a look what the booklet for
Yxy(24.5235, 0.3830, 0.5793)
contains.

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Color

Yxy(24.8160, 0.3681, 0.5459)

Conversions

Conversions Part 1

Format	Color
Hex	699600
RGB	105, 150, 0
RGB Percent	41%, 59%, 0%
CMY	0.5882, 0.4118, 0.9998
CMYK	0.30, 0.00, 1.00, 0.41
HSL	78°, 100%, 29%
HSV	78°, 100%, 59%
XYZ	16.7334, 24.8160, 3.9095
YIQ	119.4450, 21.3300, -56.1900

Conversions

Conversions Part 2

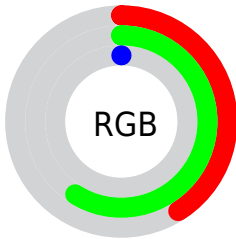
Format	Color
RYB	0, 150, 45
Decimal	6919680
CIELab	56.90, -33.97, 59.70
CIELCh	57, 68.691, 119.642
Yxy	24.8160, 0.3681, 0.5459
Android (android.graphics.Color)	4285109760 (0xFF699600)
YUV	119.4450, -58.8864, -12.6683
Hunter-Lab	49.8157, -27.2181, 30.2180

Details

The Yxy color **24.8160, 0.3681, 0.5459** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **2.7624, 0.1717, 0.0720**, and the grayscale version is **18.7858, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.2050, 0.3655, 0.5005**, and **9.6275, 0.3427, 0.5661** is the 20% darker color. If you saturate the color by 10%, you get **24.8158, 0.3681, 0.5459**, and if you desaturate by 10%, it is **25.1315, 0.3703, 0.5360**.

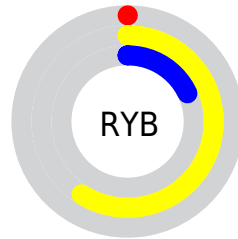
Distribution



Red (41%)

Green (59%)

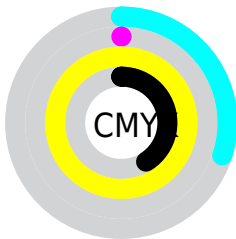
Blue (0%)



Red (0%)

Yellow (59%)

Blue (18%)

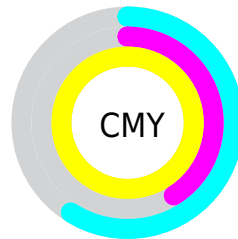


Cyan (30%)

Magenta (0%)

Yellow (100%)

Black (41%)



Cyan (59%)


Magenta (41%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 24.8160, 0.3681, 0.5459 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 24.8160, 0.3681, 0.5459 by changing the saturation by 10% instead.

 24.8160, 0.3681,
0.5459


 24.8160, 0.3681,
0.5459


 276.9204, 0.3484,
0.4254


 15.9400, 0.3666,
0.5764


 51.3586, 0.3648,
0.5007

 9.4817, 0.3628,
0.6193


 69.7939, 0.3622,
0.4839


 5.0567, 0.3408,
0.6592

 92.1846, 0.3595,
0.4700

 2.2806, 0.2947,
0.7053

 118.9149, 0.3570,
0.4582

 0.7634, 0.0000,
1.0000

 150.3692, 0.3546,
0.4481


 0.0000, 0.0000,
0.0000


 186.9319, 0.3524,


0.4395


 228.9875, 0.3503,
0.4320

 24.8160, 0.3681,
0.5459


 24.8160, 0.3681,
0.5459

 24.8158, 0.3681,
0.5459

 25.1315, 0.3703,
0.5360

 25.4853, 0.3708,
0.5226

 25.8906, 0.3688,
0.5047

 26.3519, 0.3646,
0.4829

 26.8736, 0.3583,
0.4584

■ 27.4591, 0.3505,
0.4321

■ 28.1118, 0.3416,
0.4053

■ 28.8349, 0.3321,
0.3787

■ 29.6310, 0.3224,
0.3531

Harmonies

Analogous

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



24.8160, 0.4642, 0.4864



24.8160, 0.3681, 0.5459



24.8160, 0.2643, 0.5207

Triad

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



24.8160, 0.3681, 0.5459



24.8160, 0.1302, 0.1946



24.8160, 0.4503, 0.2618

Complementary

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



24.8160, 0.3681, 0.5459



2.7624, 0.1717, 0.0720

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.



24.8160, 0.3285, 0.2058



24.8160, 0.3681, 0.5459



24.8160, 0.1584, 0.1674

Square

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



24.8160, 0.3681, 0.5459



24.8160, 0.1352, 0.2676



24.8160, 0.2235, 0.1728



24.8160, 0.5295, 0.3306

Rectangle

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



24.8160, 0.3681, 0.5459



24.8160, 0.2036, 0.4429



24.8160, 0.2235, 0.1728



24.8160, 0.4111, 0.2411

Sweetspot

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



24.8171, 0.3681, 0.5459



49.5341, 0.3422, 0.4070



8.3644, 0.5933, 0.3671



10.8780, 0.3457, 0.4172



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.



24.8171, 0.3681, 0.5459



43.6997, 0.3671, 0.5467



22.0899, 0.3077, 0.5939



6.6582, 0.3216, 0.3512



20.5987, 0.3685, 0.5456



0.2675, 0.3933, 0.5259

Inverse Universe

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



2.7624, 0.1717, 0.0720



4.7901, 0.1699, 0.0710



6.1974, 0.2716, 0.1270



5.7123, 0.3033, 0.3065



2.3042, 0.1723, 0.0723



0.0421, 0.2179, 0.0974

Previews

White Background



This preview shows how the Yxy color 24.8160, 0.3681, 0.5459 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 24.8160, 0.3681, 0.5459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

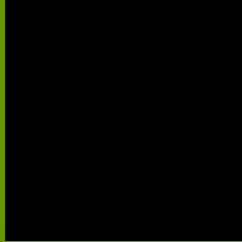
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.8160, 0.3681, 0.5459

Background



This preview shows how black text looks on a background with the Yxy color 24.8160, 0.3681, 0.5459.



This preview shows how white text looks on a background with the Yxy color 24.8160, 0.3681, 0.5459.

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

24.8160, 0.3681, 0.5459

Protanopia

24.4783, 0.4411, 0.4879

Deuteranopia

24.4423, 0.4620, 0.4543



Tritanopia

24.6215, 0.2807, 0.3082

Trichromacy



Original Color

24.8160, 0.3681, 0.5459

Protanomaly

24.2840, 0.4133, 0.5100

Deuteranomaly

24.1380, 0.4273, 0.4892

Tritanomaly

24.0669, 0.3273, 0.4174

Monochromacy



Original Color

24.8160, 0.3681, 0.5459

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

20.0645, 0.3516, 0.4348

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.8160, 0.3681, 0.5459 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(105, 150, 0)` looks like.

```
.text, #text, p{  
    color:rgb(105, 150, 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(105, 150, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 150, 0) }
```

Border

The CSS property to change the border of an element to Yxy 24.8160, 0.3681, 0.5459 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(105, 150, 0) }
```

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

```
.border{ border-color:rgb(105, 150, 0) }
```

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

Here you see how a box with a 4 pixel rgb(105, 150, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 150, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 150, 0);  
box-shadow:4px 4px 4px 4px rgb(105, 150,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 24.8160, 0.3681, 0.5459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 150, 0) }
```

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

```
.background{ background-color: rgb(105,  
150, 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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