

Converting Colors

$Yxy(25.7501, 0.3651, 0.5483)$

Have a look what the booklet for
Yxy(25.7501, 0.3651, 0.5483)
contains.

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Color

$Yxy(25.7255, 0.3647, 0.5486)$

Conversions

Conversions Part 1

Format	Color
Hex	689900
RGB	104, 153, 0
RGB Percent	41%, 60%, 0%
CMY	0.5921, 0.4000, 0.9997
CMYK	0.32, 0.00, 1.00, 0.40
HSL	79°, 100%, 30%
HSV	79°, 100%, 60%
XYZ	17.1019, 25.7255, 4.0656
YIQ	120.9070, 19.9090, -57.9710

Conversions

Conversions Part 2

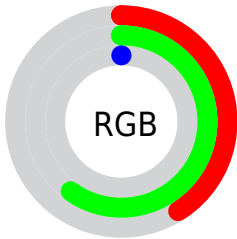
Format	Color
RYB	0, 153, 49
Decimal	6854912
CIELab	57.78, -35.72, 60.35
CIElCh	58, 70.132, 120.622
Yxy	25.7255, 0.3647, 0.5486
Android (android.graphics.Color)	4285044992 (0xFF689900)
YUV	120.9070, -59.6072, -14.8274
Hunter-Lab	50.7203, -28.5739, 30.7517

Details

The Yxy color **25.7255, 0.3647, 0.5486** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **2.9554, 0.1741, 0.0733**, and the grayscale version is **19.2844, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.0403, 0.3623, 0.5031**, and **10.1557, 0.3378, 0.5700** is the 20% darker color. If you saturate the color by 10%, you get **25.7253, 0.3647, 0.5486**, and if you desaturate by 10%, it is **26.0639, 0.3673, 0.5385**.

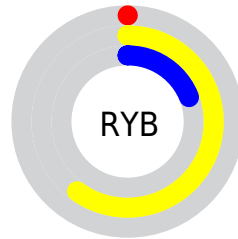
Distribution



Red (41%)

Green (60%)

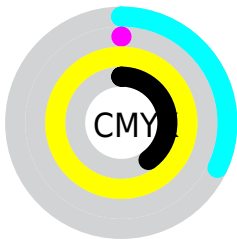
Blue (0%)



Red (0%)

Yellow (60%)

Blue (19%)

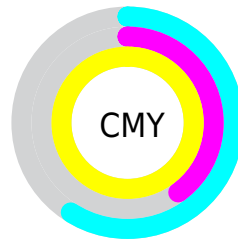


Cyan (32%)

Magenta (0%)

Yellow (100%)

Black (40%)



Cyan (59%)


Magenta (40%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.7255, 0.3647, 0.5486 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 25.7255, 0.3647, 0.5486 by changing the saturation by 10% instead.


 25.7255, 0.3647,
0.5486


 25.7255, 0.3647,
0.5486


281.4320, 0.3472,
0.4269


 16.6184, 0.3627,
0.5794


 52.8318, 0.3622,
0.5030

 9.9628, 0.3576,
0.6216


 71.5997, 0.3599,
0.4861

 5.3743, 0.3362,
0.6638

 94.3568, 0.3575,
0.4719

 2.4685, 0.2900,
0.7100

 121.4873, 0.3552,
0.4600

 0.8608, 0.0000,
1.0000

 153.3757, 0.3530,
0.4499

 0.0000, 0.0000,
0.0000

 190.4063, 0.3509,

0.4411


 232.9636, 0.3490,
0.4335

 25.7255, 0.3647,
0.5486


 25.7255, 0.3647,
0.5486


 25.7253, 0.3647,
0.5486

 26.0639, 0.3673,
0.5385

 26.4448, 0.3681,
0.5248

 26.8814, 0.3665,
0.5064

 27.3789, 0.3626,
0.4843

 27.9416, 0.3567,
0.4594

■ 28.5735, 0.3492,
0.4328

■ 29.2780, 0.3407,
0.4056

■ 30.0583, 0.3315,
0.3789

■ 30.9176, 0.3221,
0.3531

Harmonies

Analogous

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



25.7255, 0.4621, 0.4897



25.7255, 0.3647, 0.5486



25.7255, 0.2604, 0.5198

Triad

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



25.7255, 0.3647, 0.5486



25.7255, 0.1295, 0.1920



25.7255, 0.4551, 0.2633

Complementary

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



25.7255, 0.3647, 0.5486



2.9554, 0.1741, 0.0733

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.



25.7255, 0.3325, 0.2065



25.7255, 0.3647, 0.5486



25.7255, 0.1590, 0.1660

Square

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



25.7255, 0.3647, 0.5486



25.7255, 0.1333, 0.2636



25.7255, 0.2256, 0.1725



25.7255, 0.5326, 0.3327

Rectangle

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



25.7255, 0.3647, 0.5486



25.7255, 0.2000, 0.4393



25.7255, 0.2256, 0.1725



25.7255, 0.4159, 0.2424

Sweetspot

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



25.7266, 0.3647, 0.5486



52.3496, 0.3412, 0.4074



8.9269, 0.5894, 0.3701



11.4492, 0.3446, 0.4178



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.



25.7266, 0.3647, 0.5486



45.9680, 0.3637, 0.5495



23.0309, 0.3066, 0.5947



7.1237, 0.3214, 0.3513



21.2799, 0.3651, 0.5483



0.3374, 0.3902, 0.5283

Inverse Universe

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



2.9554, 0.1741, 0.0733



5.1990, 0.1723, 0.0723



6.6584, 0.2756, 0.1292



6.1176, 0.3035, 0.3063



2.4569, 0.1748, 0.0736



0.0548, 0.2207, 0.0990

Previews

White Background



This preview shows how the Yxy color 25.7255, 0.3647, 0.5486 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 25.7255, 0.3647, 0.5486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

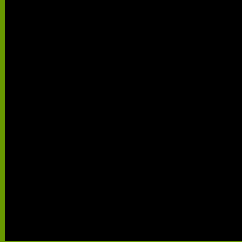
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.7255, 0.3647, 0.5486

Background



This preview shows how black text looks on a background with the Yxy color 25.7255, 0.3647, 0.5486.



This preview shows how white text looks on a background with the Yxy color 25.7255, 0.3647, 0.5486.

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

25.7255, 0.3647, 0.5486

Protanopia

25.5332, 0.4396, 0.4892

Deuteranopia

25.3200, 0.4622, 0.4537



Tritanopia

25.6010, 0.2784, 0.3084

Trichromacy



Original Color

25.7255, 0.3647, 0.5486

Protanomaly

25.2649, 0.4110, 0.5118

Deuteranomaly

24.8985, 0.4273, 0.4895

Tritanomaly

25.0170, 0.3248, 0.4183

Monochromacy



Original Color

25.7255, 0.3647, 0.5486

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

20.9557, 0.3504, 0.4372

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7255, 0.3647, 0.5486 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(104, 153, 0)` looks like.

```
.text, #text, p{  
    color:rgb(104, 153, 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(104, 153, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 153, 0) }
```

Border

The CSS property to change the border of an element to Yxy 25.7255, 0.3647, 0.5486 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(104, 153, 0) }
```

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

```
.border{ border-color:rgb(104, 153, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 153, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 153, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 153, 0);  
box-shadow:4px 4px 4px 4px rgb(104, 153,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7255, 0.3647, 0.5486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 153, 0) }
```

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

```
.background{ background-color: rgb(104,  
153, 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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