

Converting Colors

$Y_{xy}(25.9369, 0.3110, 0.4255)$

Have a look what the booklet for
Yxy(25.9369, 0.3110, 0.4255)
contains.

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Color

Yxy(25.9369, 0.3110, 0.4255)

Conversions

Conversions Part 1

Format	Color
Hex	679764
RGB	103, 151, 100
RGB Percent	40%, 59%, 39%
CMY	0.5962, 0.4078, 0.6079
CMYK	0.32, 0.00, 0.34, 0.41
HSL	117°, 20%, 49%
HSV	117°, 34%, 59%
XYZ	18.9574, 25.9369, 16.0620
YIQ	130.8340, -12.2370, -26.0370

Conversions

Conversions Part 2

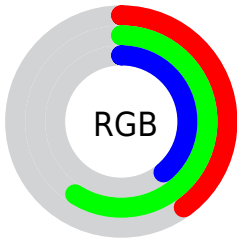
Format	Color
R_{YB}	100, 151, 148
Decimal	6788964
CIE _{Lab}	57.98, -26.73, 21.87
CIE _{LCh}	58, 34.539, 140.712
Yxy	25.9369, 0.3110, 0.4255
Android (android.graphics.Color)	4284979044 (0xFF679764)
YUV	130.8340, -15.2012, -24.4104
Hunter-Lab	50.9283, -22.6801, 16.9507

Details

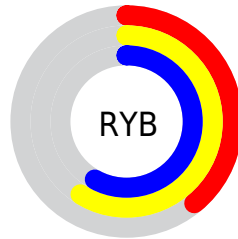
The Yxy color **25.9369, 0.3110, 0.4255** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **17.6472, 0.3127, 0.2467**, and the grayscale version is **22.6912, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.4449, 0.3129, 0.4042**, and **10.1283, 0.3063, 0.4653** is the 20% darker color. If you saturate the color by 10%, you get **24.9019, 0.3100, 0.4595**, and if you desaturate by 10%, it is **27.1713, 0.3118, 0.3934**.

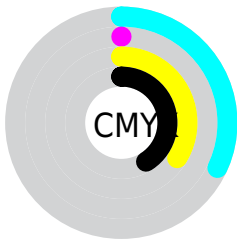
Distribution



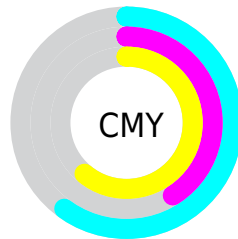
- Red (40%)
- Green (59%)
- Blue (39%)



- Red (39%)
- Yellow (59%)
- Blue (58%)



- Cyan (32%)
- Magenta (0%)
- Yellow (34%)
- Black (41%)




- Cyan (60%)
- Magenta (41%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.9369, 0.3110, 0.4255 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 25.9369, 0.3110, 0.4255 by changing the saturation by 10% instead.


 25.9369, 0.3110,
0.4255


 25.9369, 0.3110,
0.4255

282.4722, 0.3134,
0.3701


 16.7764, 0.3096,
0.4423


 53.1731, 0.3124,
0.4034


 10.0752, 0.3070,
0.4659


 72.0177, 0.3127,
0.3957

 5.4489, 0.3020,
0.5013

 94.8591, 0.3129,
0.3894

 2.5130, 0.2928,
0.5640

 122.0817, 0.3131,
0.3842

 0.8831, 0.1746,
0.8254

154.0699, 0.3132,
0.3799

 0.0000, 0.0000,
0.0000

191.2081, 0.3133,

0.3762

233.8808, 0.3133,
0.3729

■ 25.9369, 0.3110,
0.4255

■ 25.9369, 0.3110,
0.4255

■ 24.9019, 0.3100,
0.4595

■ 27.1713, 0.3118,
0.3934

■ 24.0527, 0.3087,
0.4939

■ 28.6114, 0.3123,
0.3642

■ 23.3794, 0.3072,
0.5268


■ 30.2670, 0.3126,
0.3381


■ 22.8696, 0.3055,
0.5555


■ 32.1466, 0.3128,
0.3151

■ 22.5092, 0.3037,
0.5779

■ 34.2580, 0.3129,
0.2951


 22.2821, 0.3021,
0.5924

 36.6088, 0.3129,
0.2778

 22.1931, 0.3016,
0.5987

 39.2062, 0.3128,
0.2628

 42.0571, 0.3127,
0.2499

 45.1680, 0.3126,
0.2387

Harmonies

Analogous

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



25.9369, 0.3678, 0.4350



25.9369, 0.3110, 0.4255



25.9369, 0.2575, 0.3803

Triad

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



25.9369, 0.3110, 0.4255



25.9369, 0.2189, 0.2429



25.9369, 0.4129, 0.3252

Complementary

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



25.9369, 0.3110, 0.4255



17.6472, 0.3127, 0.2467

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.



25.9369, 0.3655, 0.2835



25.9369, 0.3110, 0.4255



25.9369, 0.2529, 0.2377

Square

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



25.9369, 0.3110, 0.4255



25.9369, 0.2079, 0.2706



25.9369, 0.3055, 0.2525



25.9369, 0.4299, 0.3707

Rectangle

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



25.9369, 0.3110, 0.4255



25.9369, 0.2307, 0.3402



25.9369, 0.3055, 0.2525



25.9369, 0.3998, 0.3106

Sweetspot

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



25.9380, 0.3110, 0.4255



52.2493, 0.3124, 0.3545



28.5574, 0.3637, 0.4058



11.7908, 0.3124, 0.3579



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.



25.9380, 0.3110, 0.4255



44.9271, 0.3102, 0.4527



26.2529, 0.2894, 0.3829



6.9419, 0.3125, 0.3519



18.8821, 0.3017, 0.5986



0.2863, 0.3102, 0.5919

Inverse Universe

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



17.6472, 0.3127, 0.2467



27.6186, 0.3124, 0.2277



17.2759, 0.3460, 0.2809



6.3053, 0.3129, 0.3070



6.8123, 0.3067, 0.1463



0.1066, 0.3135, 0.1501

Previews

White Background



This preview shows how the Yxy color 25.9369, 0.3110, 0.4255 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 25.9369, 0.3110, 0.4255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

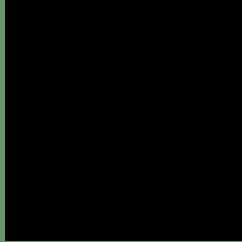
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.9369, 0.3110, 0.4255

Background



This preview shows how black text looks on a background with the Yxy color 25.9369, 0.3110, 0.4255.



This preview shows how white text looks on a background with the Yxy color 25.9369, 0.3110, 0.4255.

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

25.9369, 0.3110, 0.4255

Protanopia

25.7755, 0.3719, 0.4015

Deuteranopia

25.6670, 0.3822, 0.3745



Tritanopia

25.8575, 0.2716, 0.3083

Trichromacy



Original Color

25.9369, 0.3110, 0.4255

Protanomaly

25.4945, 0.3479, 0.4096

Deuteranomaly

25.4862, 0.3535, 0.3920

Tritanomaly

25.8962, 0.2853, 0.3487

Monochromacy



Original Color

25.9369, 0.3110, 0.4255

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

23.5980, 0.3123, 0.3619

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9369, 0.3110, 0.4255 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(103, 151, 100)` looks like.

```
.text, #text, p{  
    color:rgb(103, 151, 100)  
}
```

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(103, 151, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 151, 100) }
```

Border

The CSS property to change the border of an element to Yxy 25.9369, 0.3110, 0.4255 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(103, 151, 100) }
```

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

```
.border{ border-color:rgb(103, 151, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 151, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 151, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 151, 100);  
box-shadow:4px 4px 4px 4px rgb(103, 151,  
100) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9369, 0.3110, 0.4255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 151, 100) }
```

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

```
.background{ background-color: rgb(103,  
151, 100) }
```

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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