

Converting Colors

$Yxy(25.1294, 0.2841, 0.4069)$

Have a look what the booklet for
Yxy(25.1294, 0.2841, 0.4069)
contains.

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Color

Yxy(25.1199, 0.2842, 0.4079)

Conversions

Conversions Part 1

Format	Color
Hex	53976F
RGB	83, 151, 111
RGB Percent	33%, 59%, 44%
CMY	0.6745, 0.4078, 0.5647
CMYK	0.45, 0.00, 0.26, 0.41
HSL	145°, 29%, 46%
HSV	145°, 45%, 59%
XYZ	17.5020, 25.1199, 18.9616
YIQ	126.1080, -27.6880, -26.8560

Conversions

Conversions Part 2

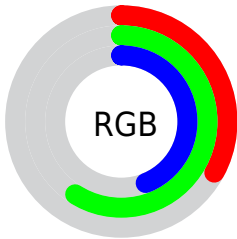
Format	Color
RYB	83, 131, 151
Decimal	5478255
CIELab	57.19, -31.02, 14.51
CIELCh	57, 34.248, 154.939
Yxy	25.1199, 0.2842, 0.4079
Android (android.graphics.Color)	4283668335 (0xFF53976F)
YUV	126.1080, -7.4482, -37.8057
Hunter-Lab	50.1198, -25.3766, 12.6529

Details

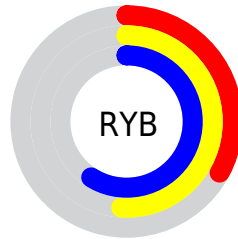
The Yxy color $25.1199, 0.2842, 0.4079$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $14.1955, 0.3593, 0.2625$, and the grayscale version is $20.9351, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.0212, 0.2909, 0.3897$, and $9.5438, 0.2710, 0.4409$ is the 20% darker color. If you saturate the color by 10%, you get $24.3213, 0.2799, 0.4295$, and if you desaturate by 10%, it is $26.0897, 0.2896, 0.3875$.

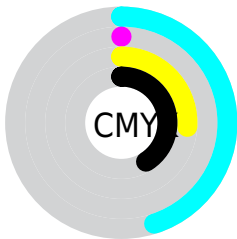
Distribution



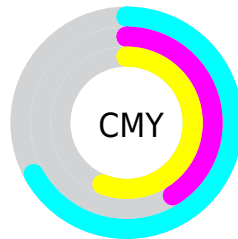
- Red (33%)
- Green (59%)
- Blue (44%)



- Red (33%)
- Yellow (51%)
- Blue (59%)



- Cyan (45%)
- Magenta (0%)
- Yellow (26%)
- Black (41%)





- Cyan (67%)
- Magenta (41%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.1199, 0.2842, 0.4079 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 25.1199, 0.2842, 0.4079 by changing the saturation by 10% instead.


 25.1199, 0.2842,
0.4079


 25.1199, 0.2842,
0.4079


278.4345, 0.3009,
0.3624


 16.1664, 0.2790,
0.4218


 51.8517, 0.2910,
0.3896

 9.6420, 0.2714,
0.4417


 70.3987, 0.2933,
0.3833

 5.1622, 0.2597,
0.4720

 92.9124, 0.2952,
0.3782

 2.3428, 0.2391,
0.5237

 119.7772, 0.2967,
0.3740

 0.7962, 0.0000,
1.0000

 151.3774, 0.2980,
0.3704

 0.0000, 0.0000,
0.0000

188.0974, 0.2991,

0.3674

230.3217, 0.3001,
0.3647

■ 25.1199, 0.2842,
0.4079

■ 25.1199, 0.2842,
0.4079

■ 24.3213, 0.2799,
0.4295

■ 26.0897, 0.2896,
0.3875

■ 23.6803, 0.2769,
0.4519

■ 27.2369, 0.2957,
0.3687

■ 23.1864, 0.2756,
0.4744


■ 28.5715, 0.3024,
0.3515

■ 22.8264, 0.2760,
0.4962


■ 30.1015, 0.3092,
0.3361

■ 22.5832, 0.2783,
0.5167


■ 31.8347, 0.3161,
0.3224

 22.4843, 0.2795,
0.5264

 33.7782, 0.3230,
0.3103

 35.9390, 0.3296,
0.2996

 38.3236, 0.3360,
0.2902

 40.9383, 0.3421,
0.2821

Harmonies

Analogous

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



25.1199, 0.3415, 0.4356



25.1199, 0.2842, 0.4079



25.1199, 0.2373, 0.3520

Triad

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



25.1199, 0.2842, 0.4079



25.1199, 0.2322, 0.2375



25.1199, 0.4257, 0.3468

Complementary

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



25.1199, 0.2842, 0.4079



14.1955, 0.3593, 0.2625

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.



25.1199, 0.3910, 0.3023



25.1199, 0.2842, 0.4079



25.1199, 0.2759, 0.2422

Square

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



25.1199, 0.2842, 0.4079



25.1199, 0.2100, 0.2544



25.1199, 0.3342, 0.2654



25.1199, 0.4258, 0.3914

Rectangle

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



25.1199, 0.2842, 0.4079



25.1199, 0.2174, 0.3122



25.1199, 0.3342, 0.2654



25.1199, 0.4177, 0.3316

Sweetspot

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



25.1209, 0.2842, 0.4079



51.3601, 0.3029, 0.3503



27.0294, 0.3472, 0.4487



11.5572, 0.3015, 0.3536



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.



25.1209, 0.2842, 0.4079



43.5480, 0.2798, 0.4296



25.9933, 0.2586, 0.3415



6.9656, 0.3063, 0.3424



19.1321, 0.2792, 0.5252



0.2930, 0.2565, 0.4434

Inverse Universe

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



14.1955, 0.3593, 0.2625



21.4395, 0.3745, 0.2489



13.4999, 0.4164, 0.3177



6.2806, 0.3197, 0.3160



6.2143, 0.4551, 0.2281



0.1001, 0.3856, 0.1898

Previews

White Background



This preview shows how the Yxy color 25.1199, 0.2842, 0.4079 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 25.1199, 0.2842, 0.4079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

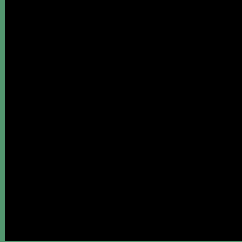
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.1199, 0.2842, 0.4079

Background



This preview shows how black text looks on a background with the Yxy color 25.1199, 0.2842, 0.4079.



This preview shows how white text looks on a background with the Yxy color 25.1199, 0.2842, 0.4079.

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

25.1199, 0.2842, 0.4079

Protanopia

24.7188, 0.3589, 0.3831

Deuteranopia

24.6385, 0.3619, 0.3550



Tritanopia

25.0648, 0.2555, 0.3074

Trichromacy



Original Color

25.1199, 0.2842, 0.4079

Protanomaly

24.3222, 0.3271, 0.3910

Deuteranomaly

24.1377, 0.3286, 0.3718

Tritanomaly

24.9345, 0.2658, 0.3419

Monochromacy



Original Color

25.1199, 0.2842, 0.4079

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

22.0234, 0.2995, 0.3556

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1199, 0.2842, 0.4079 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(83, 151, 111)` looks like.

```
.text, #text, p{  
    color:rgb(83, 151, 111)  
}
```

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(83, 151, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 151, 111) }
```

Border

The CSS property to change the border of an element to Yxy 25.1199, 0.2842, 0.4079 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(83, 151, 111) }
```

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

```
.border{ border-color:rgb(83, 151, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 151, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 151, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 151, 111);  
box-shadow:4px 4px 4px 4px rgb(83, 151,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1199, 0.2842, 0.4079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 151, 111) }
```

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

```
.background{ background-color: rgb(83, 151,  
111) }
```

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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