

Converting Colors

$Y_{xy}(25.2879, 0.2930, 0.4365)$

Have a look what the booklet for
Yxy(25.2879, 0.2930, 0.4365)
contains.

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Color

Yxy(25.4326, 0.2923, 0.4364)

Conversions

Conversions Part 1

Format	Color
Hex	519963
RGB	81, 153, 99
RGB Percent	32%, 60%, 39%
CMY	0.6824, 0.4000, 0.6118
CMYK	0.47, 0.00, 0.35, 0.40
HSL	135°, 31%, 46%
HSV	135°, 47%, 60%
XYZ	17.0347, 25.4326, 15.8109
YIQ	125.3160, -25.5780, -32.0580

Conversions

Conversions Part 2

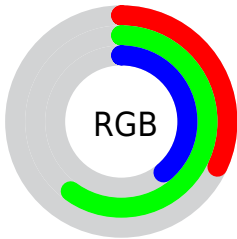
Format	Color
R_{YB}	81, 139, 153
Decimal	5347683
CIE _{Lab}	57.49, -34.88, 21.59
CIE _{LCh}	57, 41.024, 148.242
Yxy	25.4326, 0.2923, 0.4364
Android (android.graphics.Color)	4283537763 (0xFF519963)
YUV	125.3160, -12.9738, -38.8651
Hunter-Lab	50.4307, -27.9593, 16.7131

Details

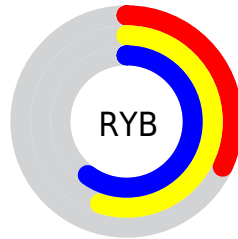
The Yxy color **25.4326, 0.2923, 0.4364** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **14.4044, 0.3438, 0.2422**, and the grayscale version is **20.6698, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.3821, 0.2978, 0.4117**, and **9.7620, 0.2799, 0.4816** is the 20% darker color. If you saturate the color by 10%, you get **24.6282, 0.2895, 0.4642**, and if you desaturate by 10%, it is **26.4226, 0.2960, 0.4097**.

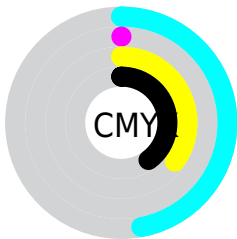
Distribution



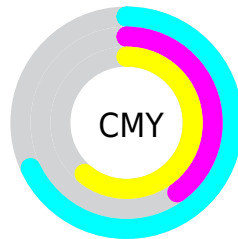
- Red (32%)
- Green (60%)
- Blue (39%)



- Red (32%)
- Yellow (55%)
- Blue (60%)



- Cyan (47%)
- Magenta (0%)
- Yellow (35%)
- Black (40%)





- Cyan (68%)
- Magenta (40%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.4326, 0.2923, 0.4364 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 25.4326, 0.2923, 0.4364 by changing the saturation by 10% instead.


 25.4326, 0.2923,
0.4364


 25.4326, 0.2923,
0.4364


279.9855, 0.3053,
0.3740


 16.3997, 0.2877,
0.4556


 52.3582, 0.2979,
0.4112


 9.8074, 0.2807,
0.4830


 71.0196, 0.2997,
0.4026


 5.2714, 0.2690,
0.5248

 93.6592, 0.3011,
0.3956

 2.4074, 0.2492,
0.6011

 120.6616, 0.3023,
0.3898

 0.8297, 0.0000,
1.0000

 152.4110, 0.3033,
0.3849

 0.0000, 0.0000,
0.0000

189.2918, 0.3040,

0.3807

231.6886, 0.3047,
0.3772

■ 25.4326, 0.2923,
0.4364

■ 25.4326, 0.2923,
0.4364

■ 24.6282, 0.2895,
0.4642

■ 26.4226, 0.2960,
0.4097

■ 23.9946, 0.2878,
0.4921

■ 27.6056, 0.3002,
0.3849

■ 23.5198, 0.2874,
0.5188


■ 28.9926, 0.3047,
0.3623

■ 23.1888, 0.2885,
0.5429

■ 30.5926, 0.3094,
0.3420


■ 22.9778, 0.2907,
0.5632

■ 32.4143, 0.3141,
0.3240

 22.9261, 0.2912,
0.5684

 34.4657, 0.3186,
0.3082

 36.7545, 0.3229,
0.2944

 39.2880, 0.3270,
0.2823

 42.0734, 0.3309,
0.2719

Harmonies

Analogous

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



25.4326, 0.3600, 0.4579



25.4326, 0.2923, 0.4364



25.4326, 0.2337, 0.3726

Triad

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



25.4326, 0.2923, 0.4364



25.4326, 0.2104, 0.2240



25.4326, 0.4417, 0.3361

Complementary

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



25.4326, 0.2923, 0.4364



14.4044, 0.3438, 0.2422

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.



25.4326, 0.3923, 0.2865



25.4326, 0.2923, 0.4364



25.4326, 0.2554, 0.2248

Square

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



25.4326, 0.2923, 0.4364



25.4326, 0.1910, 0.2483



25.4326, 0.3214, 0.2472



25.4326, 0.4502, 0.3887

Rectangle

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



25.4326, 0.2923, 0.4364



25.4326, 0.2071, 0.3230



25.4326, 0.3214, 0.2472



25.4326, 0.4292, 0.3188

Sweetspot

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



25.4337, 0.2923, 0.4364



52.6797, 0.3060, 0.3563



28.6295, 0.3616, 0.4489



11.5118, 0.3051, 0.3605



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.



25.4337, 0.2923, 0.4364



44.0980, 0.2895, 0.4643



26.2488, 0.2654, 0.3653



6.9497, 0.3084, 0.3461



18.9510, 0.2909, 0.5672



0.2885, 0.2702, 0.4927

Inverse Universe

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



14.4044, 0.3438, 0.2422



21.9713, 0.3529, 0.2258



13.5788, 0.4022, 0.2970



6.2972, 0.3173, 0.3125



6.6212, 0.3943, 0.1946



0.1046, 0.3562, 0.1736

Previews

White Background



This preview shows how the Yxy color 25.4326, 0.2923, 0.4364 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 25.4326, 0.2923, 0.4364 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 25.4326, 0.2923, 0.4364

Background



This preview shows how black text looks on a background with the Yxy color 25.4326, 0.2923, 0.4364.



This preview shows how white text looks on a background with the Yxy color 25.4326, 0.2923, 0.4364.

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

25.4326, 0.2923, 0.4364

Protanopia

25.0536, 0.3750, 0.4037

Deuteranopia

25.1834, 0.3803, 0.3734



Tritanopia

25.4593, 0.2558, 0.3076

Trichromacy



Original Color

25.4326, 0.2923, 0.4364

Protanomaly

24.7562, 0.3395, 0.4161

Deuteranomaly

24.7020, 0.3440, 0.3961

Tritanomaly

25.4747, 0.2686, 0.3513

Monochromacy



Original Color

25.4326, 0.2923, 0.4364

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

21.8401, 0.3033, 0.3655

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4326, 0.2923, 0.4364 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(81, 153, 99)` looks like.

```
.text, #text, p{  
    color:rgb(81, 153, 99)  
}
```

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(81, 153, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 153, 99) }
```

Border

The CSS property to change the border of an element to Yxy 25.4326, 0.2923, 0.4364 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(81, 153, 99) }
```

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

```
.border{ border-color:rgb(81, 153, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 153, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 153, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 153, 99);  
box-shadow:4px 4px 4px 4px rgb(81, 153,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4326, 0.2923, 0.4364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 153, 99) }
```

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

```
.background{ background-color: rgb(81, 153,  
99) }
```

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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