

Converting Colors

$Y_{xy}(25.2125, 0.3018, 0.4318)$

Have a look what the booklet for
Yxy(25.2125, 0.3018, 0.4318)
contains.

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Color

$Y_{xy}(25.2904, 0.3024, 0.4325)$

Conversions

Conversions Part 1

Format	Color
Hex	5C9762
RGB	92, 151, 98
RGB Percent	36%, 59%, 38%
CMY	0.6393, 0.4078, 0.6157
CMYK	0.39, 0.00, 0.35, 0.41
HSL	126°, 24%, 48%
HSV	126°, 39%, 59%
XYZ	17.6828, 25.2904, 15.5017
YIQ	127.3170, -18.1510, -28.9910

Conversions

Conversions Part 2

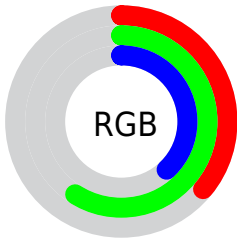
Format	Color
R _Y B	92, 146, 151
Decimal	6068066
CIE Lab	57.36, -30.76, 22.05
CIE LCh	57, 37.844, 144.371
Yxy	25.2904, 0.3024, 0.4325
Android (android.graphics.Color)	4284258146 (0xFF5C9762)
YUV	127.3170, -14.4533, -30.9730
Hunter-Lab	50.2896, -25.2426, 16.9266




Details

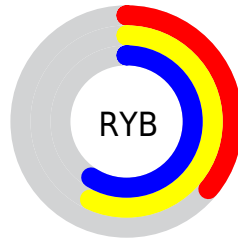
The Yxy color $25.2904, 0.3024, 0.4325$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $16.2750, 0.3250, 0.2438$, and the grayscale version is $21.3921, 0.3127, 0.3290$.




A 20% lighter version of the original color is $52.3323, 0.3061, 0.4089$, and $9.8248, 0.2946, 0.4769$ is the 20% darker color. If you saturate the color by 10%, you get $24.3551, 0.3001, 0.4645$, and if you desaturate by 10%, it is $26.4263, 0.3050, 0.4022$.

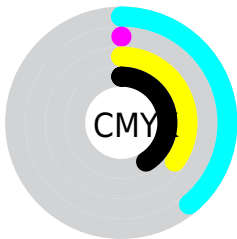
Distribution







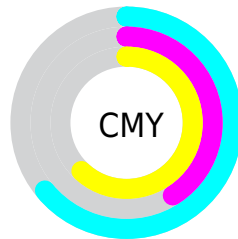
-  Red (36%)
-  Green (59%)
-  Blue (38%)






-  Red (36%)
-  Yellow (57%)
-  Blue (59%)



-  Cyan (39%)
-  Magenta (0%)
-  Yellow (35%)
-  Black (41%)




-  Cyan (64%)
-  Magenta (41%)
-  Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.2904, 0.3024, 0.4325 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 25.2904, 0.3024, 0.4325 by changing the saturation by 10% instead.


 25.2904, 0.3024,
0.4325

 25.2904, 0.3024,
0.4325

279.2811, 0.3097,
0.3726


 16.2935, 0.2994,
0.4509


 52.1279, 0.3058,
0.4084

 9.7321, 0.2947,
0.4770


 70.7374, 0.3068,
0.4001

 5.2217, 0.2863,
0.5166

 93.3199, 0.3076,
0.3933

 2.3779, 0.2726,
0.5905

 120.2598, 0.3082,
0.3877

 0.8145, 0.0278,
0.9722

151.9414, 0.3087,
0.3831

 0.0000, 0.0000,
0.0000

188.7493, 0.3091,

0.3791

231.0677, 0.3094,
0.3756

■ 25.2904, 0.3024,
0.4325

■ 25.2904, 0.3024,
0.4325

■ 24.3551, 0.3001,
0.4645

■ 26.4263, 0.3050,
0.4022

■ 23.6057, 0.2982,
0.4967

■ 27.7700, 0.3077,
0.3743

■ 23.0307, 0.2970,
0.5273


■ 29.3325, 0.3104,
0.3492


■ 22.6158, 0.2966,
0.5543


■ 31.1229, 0.3129,
0.3271


■ 22.3446, 0.2969,
0.5757

■ 33.1498, 0.3154,
0.3078

 22.1837, 0.2976,
0.5904

 35.4215, 0.3177,
0.2910

 22.1711, 0.2976,
0.5915

 37.9458, 0.3198,
0.2764

 40.7300, 0.3217,
0.2639

 43.7814, 0.3235,
0.2531

Harmonies

Analogous

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



25.2904, 0.3652, 0.4473



25.2904, 0.3024, 0.4325



25.2904, 0.2456, 0.3780

Triad

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



25.2904, 0.3024, 0.4325



25.2904, 0.2135, 0.2327



25.2904, 0.4279, 0.3301

Complementary

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



25.2904, 0.3024, 0.4325



16.2750, 0.3250, 0.2438

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.



25.2904, 0.3785, 0.2841



25.2904, 0.3024, 0.4325



25.2904, 0.2530, 0.2303

Square

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



25.2904, 0.3024, 0.4325



25.2904, 0.1984, 0.2592



25.2904, 0.3125, 0.2488



25.2904, 0.4415, 0.3794

Rectangle

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



25.2904, 0.3024, 0.4325



25.2904, 0.2184, 0.3326



25.2904, 0.3125, 0.2488



25.2904, 0.4148, 0.3140

Sweetspot

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



25.2915, 0.3024, 0.4325



51.6005, 0.3095, 0.3568



28.9372, 0.3630, 0.4253



11.6525, 0.3092, 0.3597



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.



25.2915, 0.3024, 0.4325



43.7876, 0.3003, 0.4607



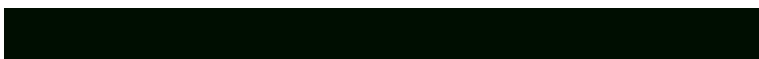
25.9525, 0.2782, 0.3735



6.9353, 0.3103, 0.3496



18.8618, 0.2975, 0.5908



0.2843, 0.2862, 0.5504

Inverse Universe

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



16.2750, 0.3250, 0.2438



25.2825, 0.3284, 0.2258



15.4822, 0.3682, 0.2891



6.3128, 0.3152, 0.3093



7.1028, 0.3477, 0.1689



0.1089, 0.3344, 0.1616

Previews

White Background



This preview shows how the Yxy color 25.2904, 0.3024, 0.4325 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 25.2904, 0.3024, 0.4325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

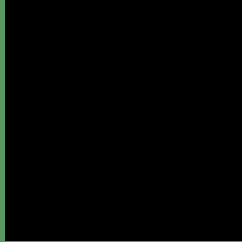
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.2904, 0.3024, 0.4325

Background



This preview shows how black text looks on a background with the Yxy color 25.2904, 0.3024, 0.4325.



This preview shows how white text looks on a background with the Yxy color 25.2904, 0.3024, 0.4325.

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

25.2904, 0.3024, 0.4325

Protanopia

25.0536, 0.3750, 0.4037

Deuteranopia

24.8733, 0.3832, 0.3750



Tritanopia

25.2561, 0.2647, 0.3095

Trichromacy



Original Color

25.2904, 0.3024, 0.4325

Protanomaly

24.7433, 0.3455, 0.4150

Deuteranomaly

24.4349, 0.3505, 0.3937

Tritanomaly

25.2980, 0.2789, 0.3530

Monochromacy



Original Color

25.2904, 0.3024, 0.4325

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

22.4467, 0.3087, 0.3668

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.2904, 0.3024, 0.4325 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(92, 151, 98)` looks like.

```
.text, #text, p{  
    color:rgb(92, 151, 98)  
}
```

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(92, 151, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 151, 98) }
```

Border

The CSS property to change the border of an element to Yxy 25.2904, 0.3024, 0.4325 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(92, 151, 98) }
```

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

```
.border{ border-color:rgb(92, 151, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 151, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 151, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 151, 98);  
box-shadow:4px 4px 4px 4px rgb(92, 151,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 25.2904, 0.3024, 0.4325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 151, 98) }
```

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

```
.background{ background-color: rgb(92, 151,  
98) }
```

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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