

Converting Colors

$Yxy(21.0847, 0.2976, 0.4245)$

Have a look what the booklet for
Yxy(21.0847, 0.2976, 0.4245)
contains.

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Color

Yxy(21.1124, 0.2975, 0.4238)

Conversions

Conversions Part 1

Format	Color
Hex	538B5E
RGB	83, 139, 94
RGB Percent	33%, 55%, 37%
CMY	0.6745, 0.4549, 0.6314
CMYK	0.40, 0.00, 0.32, 0.45
HSL	132°, 25%, 44%
HSV	132°, 40%, 55%
XYZ	14.8205, 21.1124, 13.8840
YIQ	117.1260, -18.9310, -25.8670

Conversions

Conversions Part 2

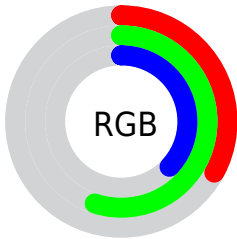
Format	Color
R_{YB}	83, 130, 139
Decimal	5475166
CIE _{Lab}	53.07, -28.61, 18.42
CIE _{LCh}	53, 34.026, 147.215
Yxy	21.1124, 0.2975, 0.4238
Android (android.graphics.Color)	4283665246 (0xFF538B5E)
YUV	117.1260, -11.4011, -29.9285
Hunter-Lab	45.9482, -22.8345, 14.2484

Details

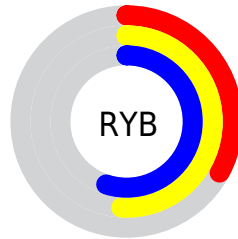
The Yxy color **21.1124, 0.2975, 0.4238** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **13.2349, 0.3333, 0.2501**, and the grayscale version is **17.8713, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.3352, 0.3018, 0.4003**, and **7.4918, 0.2877, 0.4687** is the 20% darker color. If you saturate the color by 10%, you get **20.3569, 0.2945, 0.4525**, and if you desaturate by 10%, it is **22.0255, 0.3010, 0.3967**.

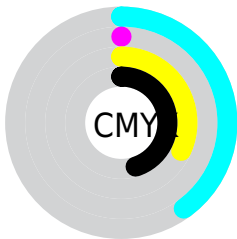
Distribution



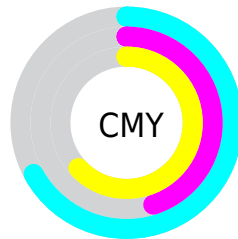
- Red (33%)
- Green (55%)
- Blue (37%)



- Red (33%)
- Yellow (51%)
- Blue (55%)



- Cyan (40%)
- Magenta (0%)
- Yellow (32%)
- Black (45%)





- Cyan (67%)
- Magenta (45%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.1124, 0.2975, 0.4238 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 21.1124, 0.2975, 0.4238 by changing the saturation by 10% instead.

 21.1124, 0.2975,
0.4238


 21.1124, 0.2975,
0.4238


257.8752, 0.3075,
0.3676


 13.2062, 0.2937,
0.4419


 45.2745, 0.3019,
0.4007


 7.5707, 0.2878,
0.4682


 62.2992, 0.3033,
0.3929


 3.8215, 0.2772,
0.5099

 83.1322, 0.3044,
0.3866

 1.5742, 0.2667,
0.6200

 108.1579, 0.3053,
0.3815

 0.3401, 0.0000,
1.0000

 137.7606, 0.3060,
0.3772

 0.0000, 0.0000,
0.0000

172.3248, 0.3066,

0.3735

212.2349, 0.3071,
0.3703

■ 21.1124, 0.2975,
0.4238

■ 21.1124, 0.2975,
0.4238

■ 20.3569, 0.2945,
0.4525

■ 22.0255, 0.3010,
0.3967

■ 19.7474, 0.2923,
0.4819

■ 23.1017, 0.3048,
0.3718

■ 19.2751, 0.2911,
0.5106


■ 24.3494, 0.3087,
0.3494


■ 18.9289, 0.2911,
0.5371


■ 25.7757, 0.3126,
0.3295

■ 18.6963, 0.2922,
0.5598

■ 27.3874, 0.3164,
0.3120

 18.5464, 0.2937,
0.5774

 29.1908, 0.3200,
0.2967

 31.1919, 0.3234,
0.2834

 33.3965, 0.3266,
0.2719

 35.8102, 0.3295,
0.2618

Harmonies

Analogous

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



21.1124, 0.3578, 0.4423



21.1124, 0.2975, 0.4238



21.1124, 0.2443, 0.3697

Triad

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



21.1124, 0.2975, 0.4238



21.1124, 0.2201, 0.2355



21.1124, 0.4255, 0.3349

Complementary

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



21.1124, 0.2975, 0.4238



13.2349, 0.3333, 0.2501

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.



21.1124, 0.3811, 0.2899



21.1124, 0.2975, 0.4238



21.1124, 0.2603, 0.2350

Square

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



21.1124, 0.2975, 0.4238



21.1124, 0.2032, 0.2590



21.1124, 0.3186, 0.2546



21.1124, 0.4351, 0.3823

Rectangle

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



21.1124, 0.2975, 0.4238



21.1124, 0.2195, 0.3267



21.1124, 0.3186, 0.2546



21.1124, 0.4141, 0.3193

Sweetspot

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



21.1133, 0.2975, 0.4238



43.1378, 0.3079, 0.3537



23.7370, 0.3584, 0.4295



9.8809, 0.3075, 0.3561



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



21.1133, 0.2975, 0.4238



36.6079, 0.2949, 0.4489



21.6922, 0.2736, 0.3648



5.6233, 0.3092, 0.3470



16.7405, 0.2936, 0.5768



0.1129, 0.2752, 0.5107

Inverse Universe

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



13.2349, 0.3333, 0.2501



20.5408, 0.3391, 0.2339



12.6107, 0.3781, 0.2966



5.1124, 0.3165, 0.3116



6.0063, 0.3761, 0.1845



0.0419, 0.3460, 0.1680

Previews

White Background



This preview shows how the Yxy color 21.1124, 0.2975, 0.4238 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 21.1124, 0.2975, 0.4238 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 21.1124, 0.2975, 0.4238

Background



This preview shows how black text looks on a background with the Yxy color 21.1124, 0.2975, 0.4238.



This preview shows how white text looks on a background with the Yxy color 21.1124, 0.2975, 0.4238.

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

21.1124, 0.2975, 0.4238

Protanopia

20.8605, 0.3692, 0.3975

Deuteranopia

20.8525, 0.3757, 0.3686



Tritanopia

21.0854, 0.2624, 0.3098

Trichromacy



Original Color

21.1124, 0.2975, 0.4238

Protanomaly

20.7527, 0.3404, 0.4084

Deuteranomaly

20.5865, 0.3425, 0.3877

Tritanomaly

20.9325, 0.2748, 0.3489

Monochromacy



Original Color

21.1124, 0.2975, 0.4238

Achromatopsia

17.7888, 0.3127, 0.3290

Achromatomaly

18.7746, 0.3065, 0.3614

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.1124, 0.2975, 0.4238 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, 139, 94)` looks like.

```
.text, #text, p{  
    color:rgb(83, 139, 94)  
}
```

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, 139, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 139, 94) }
```

Border

The CSS property to change the border of an element to Yxy 21.1124, 0.2975, 0.4238 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, 139, 94) }
```

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

```
.border{ border-color:rgb(83, 139, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 139, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 139, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 139, 94);  
box-shadow:4px 4px 4px 4px rgb(83, 139,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 21.1124, 0.2975, 0.4238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 139, 94) }
```

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

```
.background{ background-color: rgb(83, 139,  
94) }
```

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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