

Converting Colors

$Y_{xy}(22.4213, 0.3082, 0.4240)$

Have a look what the booklet for
Yxy(22.4213, 0.3082, 0.4240)
contains.

Yxy(22.5338, 0.3082, 0.4258)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(22.5338, 0.3082, 0.4258)

Conversions

Conversions Part 1

Format	Color
Hex	5E8E5E
RGB	94, 142, 94
RGB Percent	37%, 56%, 37%
CMY	0.6313, 0.4431, 0.6314
CMYK	0.34, 0.00, 0.34, 0.44
HSL	120°, 20%, 46%
HSV	120°, 34%, 56%
XYZ	16.3103, 22.5338, 14.0770
YIQ	122.1760, -13.2000, -25.1040

Conversions

Conversions Part 2

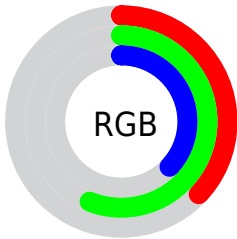
Format	Color
R_{YB}	94, 142, 142
Decimal	6196830
CIE _{Lab}	54.59, -26.41, 20.57
CIE _{LCh}	55, 33.480, 142.081
Yxy	22.5338, 0.3082, 0.4258
Android (android.graphics.Color)	4284386910 (0xFF5E8E5E)
YUV	122.1760, -13.8908, -24.7104
Hunter-Lab	47.4698, -21.7408, 15.6466

Details

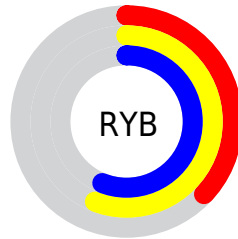
The Yxy color $22.5338, 0.3082, 0.4258$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $15.7054, 0.3165, 0.2481$, and the grayscale version is $19.5733, 0.3127, 0.3290$.

A 20% lighter version of the original color is $47.6352, 0.3100, 0.4024$, and $8.2453, 0.3035, 0.4690$ is the 20% darker color. If you saturate the color by 10%, you get $21.6201, 0.3066, 0.4601$, and if you desaturate by 10%, it is $23.6343, 0.3097, 0.3935$.

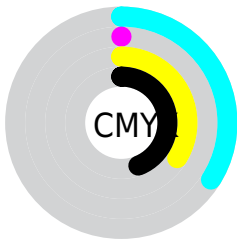
Distribution



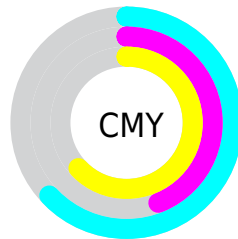
- Red (37%)
- Green (56%)
- Blue (37%)



- Red (37%)
- Yellow (56%)
- Blue (56%)



- Cyan (34%)
- Magenta (0%)
- Yellow (34%)
- Black (44%)





- Cyan (63%)
- Magenta (44%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 22.5338, 0.3082, 0.4258 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 22.5338, 0.3082, 0.4258 by changing the saturation by 10% instead.


 22.5338, 0.3082,
0.4258


 22.5338, 0.3082,
0.4258


265.3214, 0.3122,
0.3691


 14.2497, 0.3062,
0.4436


 47.6267, 0.3102,
0.4027

 8.2945, 0.3028,
0.4693


 65.2042, 0.3108,
0.3949

 4.2840, 0.2961,
0.5089

 86.6483, 0.3112,
0.3885

 1.8336, 0.2927,
0.6022

 112.3434, 0.3115,
0.3832

 0.5080, 0.0000,
1.0000

142.6738, 0.3117,
0.3788

 0.0000, 0.0000,
0.0000

178.0241, 0.3119,

0.3751

218.7784, 0.3120,
0.3719

■ 22.5338, 0.3082,
0.4258

■ 22.5338, 0.3082,
0.4258

■ 21.6201, 0.3066,
0.4601

■ 23.6343, 0.3097,
0.3935

■ 20.8802, 0.3050,
0.4949

■ 24.9280, 0.3111,
0.3642

■ 20.3039, 0.3034,
0.5280

■ 26.4248, 0.3123,
0.3381

■ 19.8789, 0.3021,
0.5569

■ 28.1327, 0.3134,
0.3152


■ 19.5908, 0.3010,
0.5791


■ 30.0596, 0.3143,
0.2954


 19.4227, 0.3003,
0.5933

 32.2128, 0.3151,
0.2784

 19.3467, 0.3000,
0.6000

 34.5993, 0.3158,
0.2637

 37.2259, 0.3163,
0.2511

 40.0990, 0.3168,
0.2403

Harmonies

Analogous

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



22.5338, 0.3660, 0.4371



22.5338, 0.3082, 0.4258



22.5338, 0.2545, 0.3785

Triad

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



22.5338, 0.3082, 0.4258



22.5338, 0.2187, 0.2409



22.5338, 0.4161, 0.3272

Complementary

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



22.5338, 0.3082, 0.4258



15.7054, 0.3165, 0.2481

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.



22.5338, 0.3689, 0.2846



22.5338, 0.3082, 0.4258



22.5338, 0.2540, 0.2367

Square

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



22.5338, 0.3082, 0.4258



22.5338, 0.2064, 0.2679



22.5338, 0.3081, 0.2525



22.5338, 0.4317, 0.3732

Rectangle

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



22.5338, 0.3082, 0.4258



22.5338, 0.2279, 0.3374



22.5338, 0.3081, 0.2525



22.5338, 0.4032, 0.3122

Sweetspot

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



22.5348, 0.3082, 0.4258



44.8665, 0.3115, 0.3544



25.6678, 0.3623, 0.4091



9.9506, 0.3114, 0.3577



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.



22.5348, 0.3082, 0.4258



38.4157, 0.3069, 0.4533



23.0144, 0.2874, 0.3777



6.0295, 0.3117, 0.3517



17.3703, 0.3000, 0.6000



0.1661, 0.3001, 0.5999

Inverse Universe

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



15.7054, 0.3165, 0.2481



24.3736, 0.3173, 0.2297



15.0817, 0.3494, 0.2852



5.5109, 0.3137, 0.3073



6.9109, 0.3208, 0.1541



0.0661, 0.3209, 0.1541

Previews

White Background



This preview shows how the Yxy color 22.5338, 0.3082, 0.4258 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 22.5338, 0.3082, 0.4258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

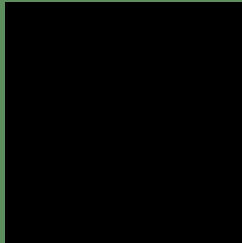
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.5338, 0.3082, 0.4258

Background



This preview shows how black text looks on a background with the Yxy color 22.5338, 0.3082, 0.4258.



This preview shows how white text looks on a background with the Yxy color 22.5338, 0.3082, 0.4258.

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

22.5338, 0.3082, 0.4258

Protanopia

22.3493, 0.3723, 0.4006

Deuteranopia

22.3214, 0.3800, 0.3741



Tritanopia

22.3463, 0.2702, 0.3087

Trichromacy



Original Color

22.5338, 0.3082, 0.4258

Protanomaly

22.0906, 0.3468, 0.4092

Deuteranomaly

22.0012, 0.3515, 0.3908

Tritanomaly

22.4186, 0.2838, 0.3501

Monochromacy



Original Color

22.5338, 0.3082, 0.4258

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

20.3151, 0.3112, 0.3621

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.5338, 0.3082, 0.4258 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(94, 142, 94)` looks like.

```
.text, #text, p{  
  color:rgb(94, 142, 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(94, 142, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 142, 94) }
```

Border

The CSS property to change the border of an element to Yxy 22.5338, 0.3082, 0.4258 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(94, 142, 94) }
```

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

```
.border{ border-color:rgb(94, 142, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 142, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 142, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 142, 94);  
box-shadow:4px 4px 4px 4px rgb(94, 142,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 22.5338, 0.3082, 0.4258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 142, 94) }
```

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

```
.background{ background-color: rgb(94, 142,  
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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