

Converting Colors

$Y_{xy}(21.9857, 0.3009, 0.4045)$

Have a look what the booklet for
Yxy(21.9857, 0.3009, 0.4045)
contains.

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Color

$Y_{xy}(22.0952, 0.3010, 0.4057)$

Conversions

Conversions Part 1

Format	Color
Hex	5E8C66
RGB	94, 140, 102
RGB Percent	37%, 55%, 40%
CMY	0.6314, 0.4510, 0.6000
CMYK	0.33, 0.00, 0.27, 0.45
HSL	130°, 20%, 46%
HSV	130°, 33%, 55%
XYZ	16.3930, 22.0952, 15.9737
YIQ	121.9140, -15.2180, -21.5700

Conversions

Conversions Part 2

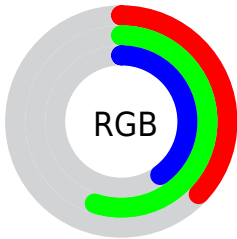
Format	Color
R_{YB}	94, 133, 140
Decimal	6196326
CIE _{Lab}	54.13, -23.96, 15.43
CIE _{LCh}	54, 28.494, 147.217
Y _{xy}	22.0952, 0.3010, 0.4057
Android (android.graphics.Color)	4284386406 (0xFF5E8C66)
YUV	121.9140, -9.8176, -24.4806
Hunter-Lab	47.0055, -20.0083, 12.7556

Details

The Yxy color $22.0952, 0.3010, 0.4057$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $15.2474, 0.3273, 0.2629$, and the grayscale version is $19.4698, 0.3127, 0.3290$.

A 20% lighter version of the original color is $46.9945, 0.3045, 0.3879$, and $8.1461, 0.2938, 0.4409$ is the 20% darker color. If you saturate the color by 10%, you get $21.2082, 0.2978, 0.4341$, and if you desaturate by 10%, it is $23.1503, 0.3045, 0.3795$.

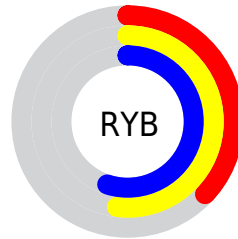
Distribution



Red (37%)

Green (55%)

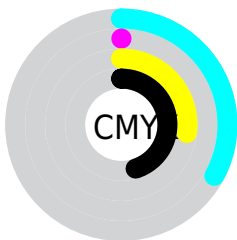
Blue (40%)



Red (37%)

Yellow (52%)

Blue (55%)

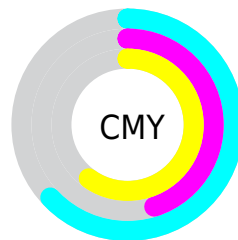


Cyan (33%)

Magenta (0%)

Yellow (27%)

Black (45%)



Cyan (63%)


Magenta (45%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.0952, 0.3010, 0.4057 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 22.0952, 0.3010, 0.4057 by changing the saturation by 10% instead.


 22.0952, 0.3010,
0.4057


 22.0952, 0.3010,
0.4057


263.0430, 0.3085,
0.3609


 13.9269, 0.2983,
0.4198


 46.9033, 0.3043,
0.3875


 8.0698, 0.2941,
0.4402

 64.3118, 0.3053,
0.3812

 4.1397, 0.2869,
0.4720

 85.5693, 0.3061,
0.3762

 1.7520, 0.2754,
0.5342

 111.0599, 0.3068,
0.3721

 0.4570, 0.0000,
1.0000

141.1682, 0.3073,
0.3686

 0.0000, 0.0000,
0.0000

176.2786, 0.3078,

0.3656

216.7754, 0.3082,
0.3631

■ 22.0952, 0.3010,
0.4057

■ 22.0952, 0.3010,
0.4057

■ 21.2082, 0.2978,
0.4341

■ 23.1503, 0.3045,
0.3795

■ 20.4779, 0.2952,
0.4638

■ 24.3788, 0.3081,
0.3557

■ 19.8960, 0.2933,
0.4938


■ 25.7888, 0.3117,
0.3346

■ 19.4520, 0.2924,
0.5225


■ 27.3876, 0.3152,
0.3160

■ 19.1343, 0.2926,
0.5482

■ 29.1817, 0.3185,
0.2997

 18.9290, 0.2939,
0.5692

 31.1774, 0.3217,
0.2855

 18.8243, 0.2948,
0.5812

 33.3807, 0.3246,
0.2732

 35.7975, 0.3274,
0.2626

 38.4332, 0.3299,
0.2533

Harmonies

Analogous

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



22.0952, 0.3513, 0.4219



22.0952, 0.3010, 0.4057



22.0952, 0.2561, 0.3625

Triad

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



22.0952, 0.3010, 0.4057



22.0952, 0.2349, 0.2506



22.0952, 0.4056, 0.3352

Complementary

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



22.0952, 0.3010, 0.4057



15.2474, 0.3273, 0.2629

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.



22.0952, 0.3693, 0.2966



22.0952, 0.3010, 0.4057



22.0952, 0.2693, 0.2496

Square

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



22.0952, 0.3010, 0.4057



22.0952, 0.2204, 0.2714



22.0952, 0.3181, 0.2662



22.0952, 0.4141, 0.3752

Rectangle

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



22.0952, 0.3010, 0.4057



22.0952, 0.2349, 0.3280



22.0952, 0.3181, 0.2662



22.0952, 0.3961, 0.3218

Sweetspot

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



22.0961, 0.3010, 0.4057



43.6055, 0.3091, 0.3499



24.4976, 0.3513, 0.4105



9.9794, 0.3086, 0.3526



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.



22.0961, 0.3010, 0.4057



37.8348, 0.2987, 0.4253



22.6088, 0.2805, 0.3588



5.6215, 0.3094, 0.3476



16.7279, 0.2946, 0.5806



0.1127, 0.2776, 0.5193

Inverse Universe

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



15.2474, 0.3273, 0.2629



23.9324, 0.3311, 0.2490



14.6930, 0.3609, 0.3013



5.1143, 0.3162, 0.3111



6.0693, 0.3690, 0.1806



0.0421, 0.3428, 0.1662

Previews

White Background



This preview shows how the Yxy color 22.0952, 0.3010, 0.4057 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 22.0952, 0.3010, 0.4057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

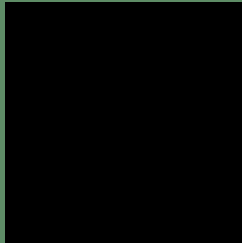
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.0952, 0.3010, 0.4057

Background



This preview shows how black text looks on a background with the Yxy color 22.0952, 0.3010, 0.4057.



This preview shows how white text looks on a background with the Yxy color 22.0952, 0.3010, 0.4057.

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

22.0952, 0.3010, 0.4057

Protanopia

21.9669, 0.3599, 0.3859

Deuteranopia

21.8248, 0.3668, 0.3614



Tritanopia

21.9193, 0.2691, 0.3085

Trichromacy



Original Color

22.0952, 0.3010, 0.4057

Protanomaly

21.8135, 0.3363, 0.3930

Deuteranomaly

21.6319, 0.3403, 0.3768

Tritanomaly

21.8459, 0.2808, 0.3424

Monochromacy



Original Color

22.0952, 0.3010, 0.4057

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

20.3831, 0.3080, 0.3561

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.0952, 0.3010, 0.4057 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, 140, 102)` looks like.

```
.text, #text, p{  
    color:rgb(94, 140, 102)  
}
```

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, 140, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 140, 102) }
```

Border

The CSS property to change the border of an element to Yxy 22.0952, 0.3010, 0.4057 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, 140, 102) }
```

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

```
.border{ border-color:rgb(94, 140, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 140, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 140, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 140, 102);  
box-shadow:4px 4px 4px 4px rgb(94, 140,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 22.0952, 0.3010, 0.4057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 140, 102) }
```

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

```
.background{ background-color: rgb(94, 140,  
102) }
```

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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