

Converting Colors

$Y_{xy}(11.2199, 0.3145, 0.3489)$

Have a look what the booklet for
Yxy(11.2199, 0.3145, 0.3489)
contains.

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Color

Yxy(11.2440, 0.3148, 0.3484)

Conversions

Conversions Part 1

Format	Color
Hex	5A6058
RGB	90, 96, 88
RGB Percent	35%, 38%, 35%
CMY	0.6471, 0.6235, 0.6549
CMYK	0.06, 0.00, 0.08, 0.62
HSL	105°, 4%, 36%
HSV	105°, 8%, 38%
XYZ	10.1596, 11.2440, 10.8696
YIQ	93.2940, -1.0080, -3.7600

Conversions

Conversions Part 2

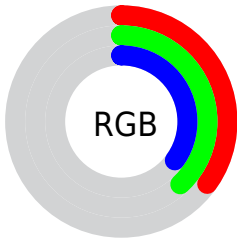
Format	Color
RYB	88, 96, 94
Decimal	5922904
CIELab	39.99, -4.04, 3.75
CIELCh	40, 5.512, 137.091
Yxy	11.2440, 0.3148, 0.3484
Android (android.graphics.Color)	4284112984 (0xFF5A6058)
YUV	93.2940, -2.6099, -2.8888
Hunter-Lab	33.5321, -4.5988, 4.2532

Details

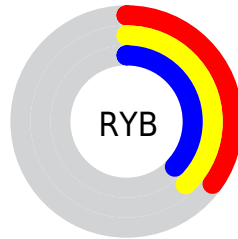
The Yxy color **11.2440, 0.3148, 0.3484** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.2077, 0.3104, 0.3100**, and the grayscale version is **11.0247, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.9682, 0.3142, 0.3422**, and **2.9911, 0.3139, 0.3590** is the 20% darker color. If you saturate the color by 10%, you get **10.7503, 0.3172, 0.3740**, and if you desaturate by 10%, it is **11.7949, 0.3123, 0.3253**.

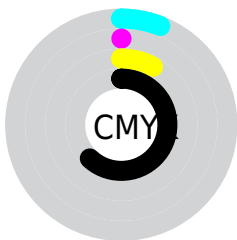
Distribution



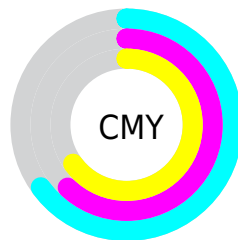
- Red (35%)
- Green (38%)
- Blue (35%)



- Red (35%)
- Yellow (38%)
- Blue (37%)



- Cyan (6%)
- Magenta (0%)
- Yellow (8%)
- Black (62%)



- Cyan (65%)
- Magenta (62%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 11.2440, 0.3148, 0.3484 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 11.2440, 0.3148, 0.3484 by changing the saturation by 10% instead.

■ 11.2440, 0.3148,
0.3484

■ 11.2440, 0.3148,
0.3484

■ 199.3340, 0.3136,
0.3363

■ 6.2312, 0.3152,
0.3527

■ 28.1105, 0.3143,
0.3432

■ 2.9862, 0.3158,
0.3596

■ 40.7330, 0.3141,
0.3415

■ 1.1245, 0.3166,
0.3719

■ 56.6608, 0.3140,
0.3402

■ 0.0000, 0.0000,
0.0000

■ 76.2784, 0.3139,
0.3391

■ 99.9701, 0.3138,
0.3383

128.1203, 0.3137,

0.3375

161.1135, 0.3136,
0.3369

■ 11.2440, 0.3148,
0.3484

■ 11.2440, 0.3148,
0.3484

■ 10.7503, 0.3172,
0.3740

■ 11.7949, 0.3123,
0.3253

■ 10.3107, 0.3193,
0.4018

■ 12.4034, 0.3097,
0.3047

■ 9.9236, 0.3210,
0.4315

■ 13.0716, 0.3072,
0.2863

■ 9.5871, 0.3220,
0.4623

■ 13.8010, 0.3048,
0.2701

■ 9.2989, 0.3222,
0.4931

■ 14.5933, 0.3025,
0.2558

■ 9.0568, 0.3215,
0.5222

■ 15.4499, 0.3002,
0.2431

■ 8.8581, 0.3196,
0.5481

■ 16.3721, 0.2982,
0.2320

■ 8.7001, 0.3168,
0.5690

■ 17.3615, 0.2962,
0.2222

■ 8.5753, 0.3138,
0.5864

■ 18.4193, 0.2944,
0.2134

Harmonies

Analogous

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



11.2440, 0.3266, 0.3507



11.2440, 0.3148, 0.3484



11.2440, 0.3026, 0.3406

Triad

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



11.2440, 0.3148, 0.3484



11.2440, 0.2910, 0.3109



11.2440, 0.3326, 0.3280

Complementary

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



11.2440, 0.3148, 0.3484



10.2077, 0.3104, 0.3100

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.



11.2440, 0.3227, 0.3178



11.2440, 0.3148, 0.3484



11.2440, 0.2987, 0.3080

Square

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



11.2440, 0.3148, 0.3484



11.2440, 0.2890, 0.3187



11.2440, 0.3103, 0.3106



11.2440, 0.3371, 0.3386

Rectangle

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



11.2440, 0.3148, 0.3484



11.2440, 0.2958, 0.3334



11.2440, 0.3103, 0.3106



11.2440, 0.3298, 0.3244

Sweetspot

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



11.2445, 0.3148, 0.3484



20.2868, 0.3132, 0.3336



11.1988, 0.3246, 0.3432



5.0415, 0.3132, 0.3332



52.2522, 0.3127, 0.3290



5.0876, 0.3127, 0.3290

Same Dimension

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



11.2445, 0.3148, 0.3484



19.5155, 0.3153, 0.3533



11.1807, 0.3090, 0.3436



2.8831, 0.3149, 0.3498



11.8741, 0.3124, 0.5902



63.0738, 0.3090, 0.5928

Inverse Universe

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



10.2077, 0.3104, 0.3100



17.2968, 0.3098, 0.3053



10.2768, 0.3166, 0.3148



2.5997, 0.3103, 0.3087



3.0859, 0.2620, 0.1217



16.0599, 0.2583, 0.1197

Previews

White Background



This preview shows how the Yxy color 11.2440, 0.3148, 0.3484 looks on a white background.

Color Contrast Check

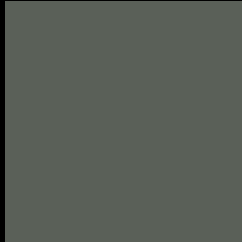
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 11.2440, 0.3148, 0.3484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

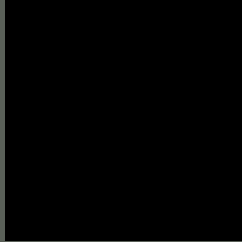
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

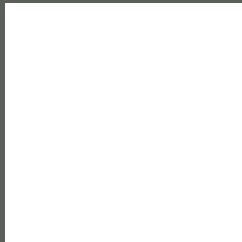
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 11.2440, 0.3148, 0.3484

Background



This preview shows how black text looks on a background with the Yxy color 11.2440, 0.3148, 0.3484.

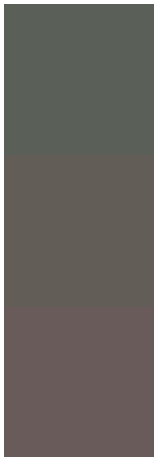


This preview shows how white text looks on a background with the Yxy color 11.2440, 0.3148, 0.3484.

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

11.2440, 0.3148, 0.3484

Protanopia

11.2902, 0.3293, 0.3455

Deuteranopia

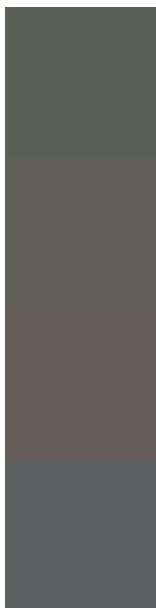
11.2067, 0.3385, 0.3336



Tritanopia

11.2203, 0.2999, 0.3126

Trichromacy



Original Color

11.2440, 0.3148, 0.3484

Protanomaly

11.3054, 0.3242, 0.3481

Deuteranomaly

11.2593, 0.3297, 0.3383

Tritanomaly

11.2531, 0.3053, 0.3266

Monochromacy



Original Color

11.2440, 0.3148, 0.3484

Achromatopsia

10.9462, 0.3127, 0.3290

Achromatomaly

11.0360, 0.3139, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.2440, 0.3148, 0.3484 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(90, 96, 88) looks like.

```
.text, #text, p{  
    color:rgb(90, 96, 88)  
}
```

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(90, 96, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 96, 88) }
```

Border

The CSS property to change the border of an element to Yxy 11.2440, 0.3148, 0.3484 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(90, 96, 88) }
```

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

```
.border{ border-color:rgb(90, 96, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 96, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 96, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 96, 88);  
box-shadow:4px 4px 4px 4px rgb(90, 96, 88)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.2440, 0.3148, 0.3484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 96, 88) }
```

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

```
.background{ background-color: rgb(90, 96,  
88) }
```

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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