

Converting Colors

$Y_{xy}(11.9211, 0.3199, 0.3624)$

Have a look what the booklet for
Yxy(11.9211, 0.3199, 0.3624)
contains.

Yxy(11.8197, 0.3187, 0.3602) 3

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Color

Yxy(11.8197, 0.3187, 0.3602)

Conversions

Conversions Part 1	
Format	Color
Hex	5B6356
RGB	91, 99, 86
RGB Percent	36%, 39%, 34%
CMY	0.6430, 0.6118, 0.6627
CMYK	0.08, 0.00, 0.13, 0.61
HSL	97°, 7%, 36%
HSV	97°, 13%, 39%
XYZ	10.4579, 11.8197, 10.5367
YIQ	95.1260, -0.5950, -5.7390

Conversions

Conversions Part 2

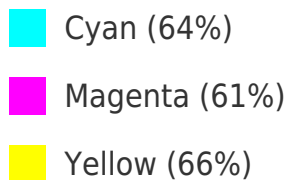
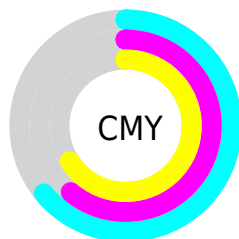
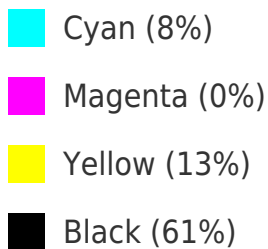
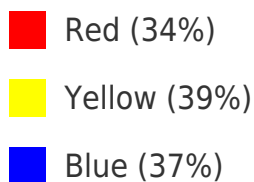
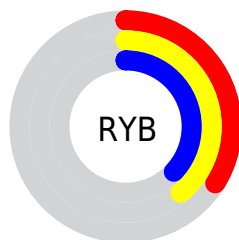
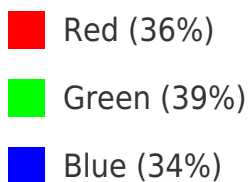
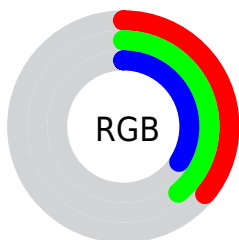
Format	Color
RYB	86, 99, 94
Decimal	5989206
CIELab	40.93, -5.79, 6.33
CIELCh	41, 8.578, 132.437
Yxy	11.8197, 0.3187, 0.3602
Android (android.graphics.Color)	4284179286 (0xFF5B6356)
YUV	95.1260, -4.4991, -3.6185
Hunter-Lab	34.3798, -5.8671, 5.8948

Details

The Yxy color **11.8197, 0.3187, 0.3602** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **9.9371, 0.3060, 0.2983**, and the grayscale version is **11.4878, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.2530, 0.3168, 0.3519**, and **3.2642, 0.3203, 0.3795** is the 20% darker color. If you saturate the color by 10%, you get **11.3749, 0.3231, 0.3864**, and if you desaturate by 10%, it is **12.3127, 0.3141, 0.3361**.


Distribution




Brightness & Saturation Gradients


These gradients show how the Yxy color 11.8197, 0.3187, 0.3602 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 11.8197, 0.3187, 0.3602 by changing the saturation by 10% instead.


 11.8197, 0.3187,
0.3602


 11.8197, 0.3187,
0.3602


203.2080, 0.3152,
0.3408


 6.6210, 0.3198,
0.3671


 29.1663, 0.3172,
0.3519


 3.2262, 0.3215,
0.3780


 42.0830, 0.3168,
0.3492


 1.2510, 0.3242,
0.3977

 58.3412, 0.3164,
0.3471

 0.1027, 0.0000,
1.0000

 78.3252, 0.3160,
0.3454


 0.0000, 0.0000,
0.0000


 102.4196, 0.3158,
0.3439


131.0085, 0.3155,


0.3427


164.4765, 0.3153,
0.3417

 11.8197, 0.3187,
0.3602


 11.8197, 0.3187,
0.3602


 11.3749, 0.3231,
0.3864


 12.3127, 0.3141,
0.3361


 10.9752, 0.3271,
0.4143


 12.8538, 0.3096,
0.3141


 10.6195, 0.3305,
0.4434

 13.4448, 0.3051,
0.2944

 10.3063, 0.3329,
0.4728

 14.0870, 0.3008,
0.2766

 10.0337, 0.3342,
0.5012

 14.7817, 0.2967,
0.2608

■ 9.7997, 0.3339,
0.5273

■ 15.5301, 0.2928,
0.2467

■ 9.6023, 0.3321,
0.5496

■ 16.3333, 0.2892,
0.2342

■ 9.4383, 0.3288,
0.5673

■ 17.1925, 0.2858,
0.2231

■ 9.3388, 0.3266,
0.5789

■ 18.1088, 0.2827,
0.2131

Harmonies

Analogous

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



11.8197, 0.3364, 0.3620



11.8197, 0.3187, 0.3602



11.8197, 0.2998, 0.3492

Triad

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



11.8197, 0.3187, 0.3602



11.8197, 0.2786, 0.3026



11.8197, 0.3413, 0.3247

Complementary

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



11.8197, 0.3187, 0.3602



9.9371, 0.3060, 0.2983

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.



11.8197, 0.3251, 0.3100



11.8197, 0.3187, 0.3602



11.8197, 0.2890, 0.2973

Square

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



11.8197, 0.3187, 0.3602



11.8197, 0.2771, 0.3153



11.8197, 0.3059, 0.3001



11.8197, 0.3498, 0.3409

Rectangle

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



11.8197, 0.3187, 0.3602



11.8197, 0.2891, 0.3384



11.8197, 0.3059, 0.3001



11.8197, 0.3366, 0.3195

Sweetspot

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



11.8202, 0.3187, 0.3602



21.0359, 0.3146, 0.3384



11.2947, 0.3324, 0.3473



4.9883, 0.3149, 0.3397



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.



11.8202, 0.3187, 0.3602



20.0149, 0.3202, 0.3687



11.5950, 0.3095, 0.3576



2.8985, 0.3168, 0.3497



12.1527, 0.3256, 0.5797



64.4453, 0.3215, 0.5830

Inverse Universe

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



9.9371, 0.3060, 0.2983



16.0481, 0.3041, 0.2900



10.1860, 0.3161, 0.3019



2.5836, 0.3083, 0.3086



2.4358, 0.2301, 0.1041



12.4942, 0.2249, 0.1013

Previews

White Background



This preview shows how the Yxy color 11.8197, 0.3187, 0.3602 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 11.8197, 0.3187, 0.3602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

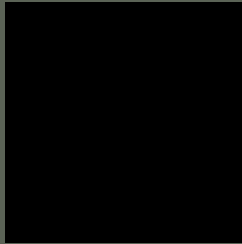
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.8197, 0.3187, 0.3602

Background



This preview shows how black text looks on a background with the Yxy color 11.8197, 0.3187, 0.3602.



This preview shows how white text looks on a background with the Yxy color 11.8197, 0.3187, 0.3602.

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

11.8197, 0.3187, 0.3602

Protanopia

11.7883, 0.3364, 0.3545

Deuteranopia

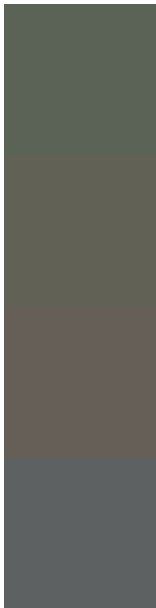
11.7680, 0.3475, 0.3424



Tritanopia

11.7449, 0.2988, 0.3106

Trichromacy



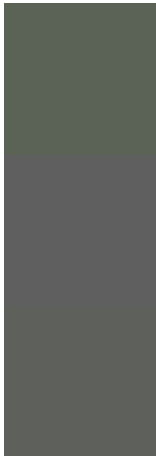
Original Color
11.8197, 0.3187, 0.3602

Protanomaly
11.7467, 0.3298, 0.3572

Deuteranomaly
11.6973, 0.3354, 0.3474

Tritanomaly
11.7396, 0.3068, 0.3290

Monochromacy



Original Color
11.8197, 0.3187, 0.3602

Achromatopsia
11.4435, 0.3127, 0.3290

Achromatomaly
11.5181, 0.3153, 0.3385

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.8197, 0.3187, 0.3602 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(91, 99, 86) looks like.

```
.text, #text, p{  
    color:rgb(91, 99, 86)  
}
```

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(91, 99, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 99, 86) }
```

Border

The CSS property to change the border of an element to Yxy 11.8197, 0.3187, 0.3602 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(91, 99, 86) }
```

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

```
.border{ border-color:rgb(91, 99, 86) }
```

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

Here you see how a box with a 4 pixel rgb(91, 99, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 99, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 99, 86);  
box-shadow:4px 4px 4px 4px rgb(91, 99, 86)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.8197, 0.3187, 0.3602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 99, 86) }
```

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

```
.background{ background-color: rgb(91, 99,  
86) }
```

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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