

Converting Colors

$Y_{xy}(10.9287, 0.3051, 0.3440)$

Have a look what the booklet for
Yxy(10.9287, 0.3051, 0.3440)
contains.

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Color

Yxy(11.0183, 0.3059, 0.3463)

Conversions

Conversions Part 1

Format	Color
Hex	556059
RGB	85, 96, 89
RGB Percent	33%, 38%, 35%
CMY	0.6666, 0.6235, 0.6510
CMYK	0.11, 0.00, 0.07, 0.62
HSL	142°, 6%, 35%
HSV	142°, 11%, 38%
XYZ	9.7329, 11.0183, 11.0660
YIQ	91.9130, -4.3090, -4.5090

Conversions

Conversions Part 2

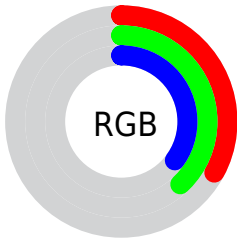
Format	Color
R_{YB}	85, 93, 96
Decimal	5595225
CIE Lab	39.61, -5.78, 2.55
CIE LCh	40, 6.318, 156.222
Yxy	11.0183, 0.3059, 0.3463
Android (android.graphics.Color)	4283785305 (0xFF556059)
YUV	91.9130, -1.4361, -6.0627
Hunter-Lab	33.1938, -5.7505, 3.4698

Details

The Yxy color **11.0183, 0.3059, 0.3463** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **9.7575, 0.3202, 0.3123**, and the grayscale version is **10.6860, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.5727, 0.3080, 0.3407**, and **2.9142, 0.3013, 0.3554** is the 20% darker color. If you saturate the color by 10%, you get **10.5011, 0.3001, 0.3633**, and if you desaturate by 10%, it is **11.6060, 0.3119, 0.3311**.

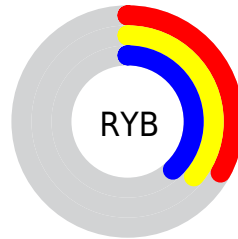
Distribution



Red (33%)

Green (38%)

Blue (35%)



Red (33%)

Yellow (36%)

Blue (38%)

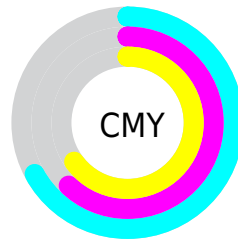


Cyan (11%)

Magenta (0%)

Yellow (7%)

Black (62%)



Cyan (67%)

Magenta (62%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 11.0183, 0.3059, 0.3463 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 11.0183, 0.3059, 0.3463 by changing the saturation by 10% instead.

■ 11.0183, 0.3059,
0.3463

■ 11.0183, 0.3059,
0.3463

■ 197.7931, 0.3102,
0.3355

■ 6.0791, 0.3043,
0.3502

■ 27.6940, 0.3077,
0.3416

■ 2.8933, 0.3019,
0.3564

■ 40.1993, 0.3083,
0.3401

■ 1.0763, 0.2974,
0.3677

■ 55.9955, 0.3088,
0.3390

■ 0.0000, 0.0000,
0.0000

■ 75.4670, 0.3092,
0.3380

■ 98.9980, 0.3095,
0.3372

126.9732, 0.3098,

0.3366

159.7767, 0.3100,
0.3360

■ 11.0183, 0.3059,
0.3463

■ 11.0183, 0.3059,
0.3463

■ 10.5011, 0.3001,
0.3633

■ 11.6060, 0.3119,
0.3311

■ 10.0502, 0.2945,
0.3820

■ 12.2652, 0.3178,
0.3175

■ 9.6634, 0.2894,
0.4023

■ 12.9987, 0.3236,
0.3055

■ 9.3376, 0.2851,
0.4240

■ 13.8089, 0.3292,
0.2949

■ 9.0695, 0.2818,
0.4466

■ 14.6979, 0.3345,
0.2856

■ 8.8556, 0.2797,
0.4697

■ 15.6678, 0.3396,
0.2774

■ 8.6918, 0.2792,
0.4925

■ 16.7205, 0.3445,
0.2702

■ 8.5729, 0.2802,
0.5142

■ 17.8581, 0.3490,
0.2639

■ 8.4867, 0.2811,
0.5318

■ 19.0824, 0.3533,
0.2583

Harmonies

Analogous

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



11.0183, 0.3203, 0.3532



11.0183, 0.3059, 0.3463



11.0183, 0.2935, 0.3344

Triad

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



11.0183, 0.3059, 0.3463



11.0183, 0.2926, 0.3053



11.0183, 0.3399, 0.3357

Complementary

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



11.0183, 0.3059, 0.3463



9.7575, 0.3202, 0.3123

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.



11.0183, 0.3321, 0.3233



11.0183, 0.3059, 0.3463



11.0183, 0.3047, 0.3060

Square

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



11.0183, 0.3059, 0.3463



11.0183, 0.2860, 0.3107



11.0183, 0.3192, 0.3126



11.0183, 0.3401, 0.3467

Rectangle

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



11.0183, 0.3059, 0.3463



11.0183, 0.2880, 0.3256



11.0183, 0.3192, 0.3126



11.0183, 0.3380, 0.3316

Sweetspot

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



11.0188, 0.3059, 0.3463



20.1533, 0.3109, 0.3335



11.3050, 0.3224, 0.3556



4.9863, 0.3105, 0.3344



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.



11.0188, 0.3059, 0.3463



19.0196, 0.3041, 0.3512



11.1119, 0.2987, 0.3330



2.8700, 0.3074, 0.3422



11.7913, 0.2820, 0.5351



62.8350, 0.2850, 0.5459

Inverse Universe

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



9.7575, 0.3202, 0.3123



16.2891, 0.3224, 0.3078



9.6673, 0.3288, 0.3251



2.6142, 0.3184, 0.3161



3.9178, 0.4331, 0.2159



20.7563, 0.4418, 0.2207

Previews

White Background



This preview shows how the Yxy color 11.0183, 0.3059, 0.3463 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 11.0183, 0.3059, 0.3463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

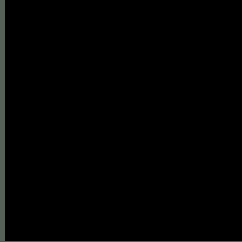
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.0183, 0.3059, 0.3463

Background



This preview shows how black text looks on a background with the Yxy color 11.0183, 0.3059, 0.3463.



This preview shows how white text looks on a background with the Yxy color 11.0183, 0.3059, 0.3463.

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

11.0183, 0.3059, 0.3463

Protanopia

11.0036, 0.3263, 0.3433

Deuteranopia

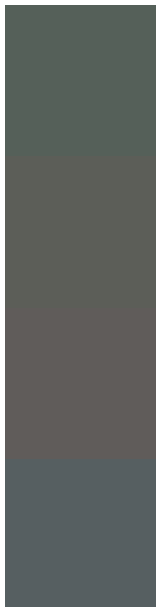
10.9341, 0.3339, 0.3291



Tritanopia

10.9910, 0.2913, 0.3099

Trichromacy



Original Color

11.0183, 0.3059, 0.3463

Protanomaly

10.9853, 0.3183, 0.3435

Deuteranomaly

10.8793, 0.3220, 0.3338

Tritanomaly

11.0259, 0.2965, 0.3241

Monochromacy



Original Color

11.0183, 0.3059, 0.3463

Achromatopsia

10.7023, 0.3127, 0.3290

Achromatomaly

10.7079, 0.3094, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.0183, 0.3059, 0.3463 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(85, 96, 89)` looks like.

```
.text, #text, p{  
    color:rgb(85, 96, 89)  
}
```

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(85, 96, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 96, 89) }
```

Border

The CSS property to change the border of an element to Yxy 11.0183, 0.3059, 0.3463 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(85, 96, 89) }
```

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

```
.border{ border-color:rgb(85, 96, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 96, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 96, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 96, 89);  
box-shadow:4px 4px 4px 4px rgb(85, 96, 89)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.0183, 0.3059, 0.3463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 96, 89) }
```

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

```
.background{ background-color: rgb(85, 96,  
89) }
```

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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