

Converting Colors

$Y_{xy}(11.2510, 0.3204, 0.3470)$

Have a look what the booklet for
Yxy(11.2510, 0.3204, 0.3470)
contains.

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Color

Yxy(11.2162, 0.3197, 0.3458)

Conversions

Conversions Part 1	
Format	Color
Hex	5D5F58
RGB	93, 95, 88
RGB Percent	36%, 37%, 35%
CMY	0.6352, 0.6275, 0.6549
CMYK	0.02, 0.00, 0.07, 0.63
HSL	77°, 4%, 36%
HSV	77°, 7%, 37%
XYZ	10.3696, 11.2162, 10.8497
YIQ	93.6040, 1.0550, -2.6010

Conversions

Conversions Part 2

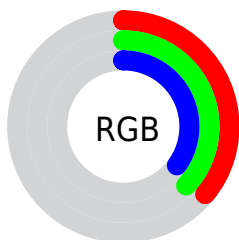
Format	Color
RYB	88, 95, 90
Decimal	6119256
CIELab	39.94, -2.21, 3.73
CIELCh	40, 4.338, 120.696
Yxy	11.2162, 0.3197, 0.3458
Android (android.graphics.Color)	4284309336 (0xFF5D5F58)
YUV	93.6040, -2.7628, -0.5297
Hunter-Lab	33.4906, -3.3399, 4.2357

Details

The Yxy color **11.2162, 0.3197, 0.3458** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **9.9767, 0.3054, 0.3120**, and the grayscale version is **11.1027, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.9254, 0.3175, 0.3404**, and **2.9754, 0.3223, 0.3542** is the 20% darker color. If you saturate the color by 10%, you get **10.9323, 0.3293, 0.3698**, and if you desaturate by 10%, it is **11.5265, 0.3103, 0.3232**.

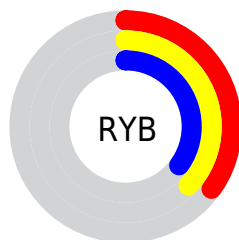
Distribution



Red (36%)

Green (37%)

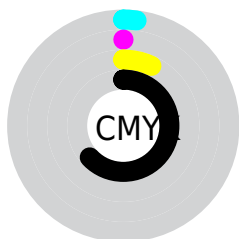
Blue (35%)



Red (35%)

Yellow (37%)

Blue (35%)

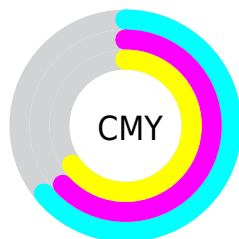


Cyan (2%)

Magenta (0%)

Yellow (7%)

Black (63%)



Cyan (64%)


Magenta (63%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.2162, 0.3197, 0.3458 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 11.2162, 0.3197, 0.3458 by changing the saturation by 10% instead.


 11.2162, 0.3197,
0.3458

 11.2162, 0.3197,
0.3458


 199.1449, 0.3154,
0.3354


 6.2124, 0.3212,
0.3495


 28.0593, 0.3179,
0.3413


 2.9747, 0.3235,
0.3554


 40.6674, 0.3173,
0.3399

 1.1185, 0.3275,
0.3658

 56.5791, 0.3168,
0.3387

 0.0000, 0.0000,
0.0000

 76.1787, 0.3164,
0.3378

 99.8507, 0.3161,
0.3371

127.9795, 0.3159,

0.3364

160.9494, 0.3156,
0.3359

■ 11.2162, 0.3197,
0.3458

■ 11.2162, 0.3197,
0.3458

■ 10.9323, 0.3293,
0.3698

■ 11.5265, 0.3103,
0.3232

■ 10.6725, 0.3388,
0.3947

■ 11.8624, 0.3011,
0.3022

■ 10.4363, 0.3479,
0.4201

■ 12.2253, 0.2924,
0.2827

■ 10.2229, 0.3561,
0.4453

■ 12.6159, 0.2843,
0.2650

■ 10.0312, 0.3632,
0.4693

■ 13.0349, 0.2766,
0.2488

■ 9.8600, 0.3687,
0.4913

■ 13.4828, 0.2695,
0.2342

■ 9.7082, 0.3722,
0.5103

■ 13.9604, 0.2630,
0.2210

■ 9.5744, 0.3735,
0.5256

■ 14.4683, 0.2569,
0.2090

■ 9.4534, 0.3734,
0.5383

■ 15.0071, 0.2513,
0.1982

Harmonies

Analogous

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



11.2162, 0.3277, 0.3450



11.2162, 0.3197, 0.3458



11.2162, 0.3099, 0.3419

Triad

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



11.2162, 0.3197, 0.3458



11.2162, 0.2941, 0.3177



11.2162, 0.3245, 0.3237

Complementary

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



11.2162, 0.3197, 0.3458



9.9767, 0.3054, 0.3120

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.



11.2162, 0.3153, 0.3166



11.2162, 0.3197, 0.3458



11.2162, 0.2978, 0.3131

Square

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



11.2162, 0.3197, 0.3458



11.2162, 0.2952, 0.3255



11.2162, 0.3056, 0.3128



11.2162, 0.3306, 0.3321

Rectangle

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



11.2162, 0.3197, 0.3458



11.2162, 0.3037, 0.3372



11.2162, 0.3056, 0.3128



11.2162, 0.3217, 0.3211

Sweetspot

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



11.2167, 0.3197, 0.3458



19.4889, 0.3147, 0.3336



10.4262, 0.3239, 0.3335



4.6724, 0.3145, 0.3332



50.7079, 0.3127, 0.3290



4.6964, 0.3127, 0.3290

Same Dimension

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



11.2167, 0.3197, 0.3458



19.1170, 0.3215, 0.3503



11.0432, 0.3144, 0.3461



2.9362, 0.3212, 0.3494



13.3658, 0.3725, 0.5424



70.9448, 0.3696, 0.5447

Inverse Universe

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



9.9767, 0.3054, 0.3120



16.4778, 0.3034, 0.3074



10.1509, 0.3109, 0.3123



2.5464, 0.3038, 0.3083



1.4744, 0.1718, 0.0720



7.4821, 0.1666, 0.0691

Previews

White Background



This preview shows how the Yxy color 11.2162, 0.3197, 0.3458 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 11.2162, 0.3197, 0.3458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

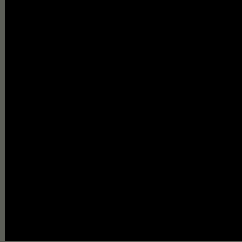
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

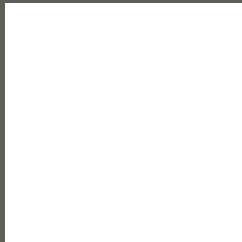
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 11.2162, 0.3197, 0.3458

Background



This preview shows how black text looks on a background with the Yxy color 11.2162, 0.3197, 0.3458.



This preview shows how white text looks on a background with the Yxy color 11.2162, 0.3197, 0.3458.

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

11.2162, 0.3197, 0.3458

Protanopia

11.2349, 0.3277, 0.3456

Deuteranopia

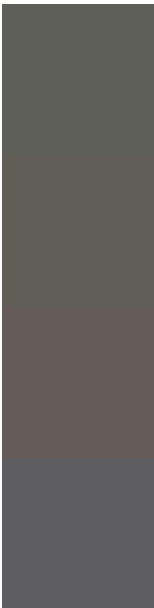
11.2067, 0.3385, 0.3336



Tritanopia

11.1817, 0.3058, 0.3127

Trichromacy



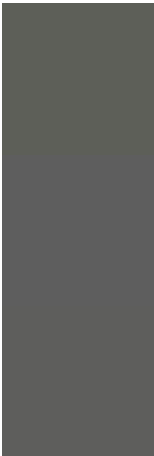
Original Color
11.2162, 0.3197, 0.3458

Protanomaly
11.1803, 0.3261, 0.3456

Deuteranomaly
11.1423, 0.3316, 0.3360

Tritanomaly
11.2296, 0.3099, 0.3243

Monochromacy



Original Color
11.2162, 0.3197, 0.3458

Achromatopsia
11.1932, 0.3127, 0.3290

Achromatomaly
11.1578, 0.3156, 0.3338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.2162, 0.3197, 0.3458 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(93, 95, 88) looks like.

```
.text, #text, p{  
    color:rgb(93, 95, 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(93, 95, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 95, 88) }
```

Border

The CSS property to change the border of an element to Yxy 11.2162, 0.3197, 0.3458 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(93, 95, 88) }
```

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

```
.border{ border-color:rgb(93, 95, 88) }
```

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

Here you see how a box with a 4 pixel rgb(93, 95, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 95, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 95, 88);  
box-shadow:4px 4px 4px 4px rgb(93, 95, 88)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.2162, 0.3197, 0.3458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 95, 88) }
```

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

```
.background{ background-color: rgb(93, 95,  
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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