

Converting Colors

$Y_{xy}(10.2729, 0.3457, 0.4241)$

Have a look what the booklet for
Yxy(10.2729, 0.3457, 0.4241)
contains.

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Color

$Y_{xy}(10.3289, 0.3466, 0.4250)$

Conversions

Conversions Part 1

Format	Color
Hex	535F3A
RGB	83, 95, 58
RGB Percent	33%, 37%, 23%
CMY	0.6745, 0.6274, 0.7726
CMYK	0.13, 0.00, 0.39, 0.63
HSL	79°, 24%, 30%
HSV	79°, 39%, 37%
XYZ	8.4235, 10.3289, 5.5509
YIQ	87.1940, 4.7250, -14.0510

Conversions

Conversions Part 2

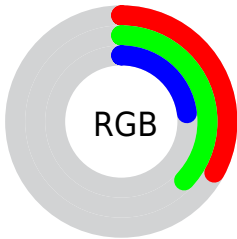
Format	Color
RYB	58, 95, 70
Decimal	5463866
CIELab	38.43, -11.67, 19.68
CIElCh	38, 22.881, 120.675
Yxy	10.3289, 0.3466, 0.4250
Android (android.graphics.Color)	4283653946 (0xFF535F3A)
YUV	87.1940, -14.3926, -3.6781
Hunter-Lab	32.1386, -9.4577, 12.2567

Details

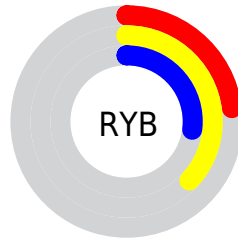
The Yxy color **10.3289, 0.3466, 0.4250** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5.1524, 0.2682, 0.2264**, and the grayscale version is **9.6061, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.2780, 0.3383, 0.3969**, and **2.6244, 0.3588, 0.4835** is the 20% darker color. If you saturate the color by 10%, you get **10.1045, 0.3540, 0.4506**, and if you desaturate by 10%, it is **10.5783, 0.3383, 0.3992**.

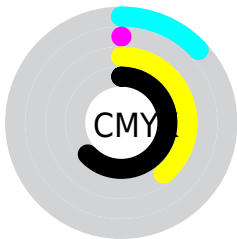
Distribution



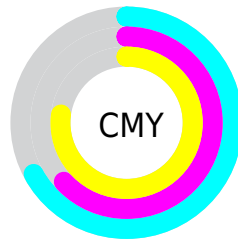
- Red (33%)
- Green (37%)
- Blue (23%)



- Red (23%)
- Yellow (37%)
- Blue (27%)



- Cyan (13%)
- Magenta (0%)
- Yellow (39%)
- Black (63%)



- Cyan (67%)
- Magenta (63%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 10.3289, 0.3466, 0.4250 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 10.3289, 0.3466, 0.4250 by changing the saturation by 10% instead.

10.3289, 0.3466,
0.4250

10.3289, 0.3466,
0.4250

193.0036, 0.3267,
0.3638

5.6176, 0.3523,
0.4477

26.4123, 0.3387,
0.3982

2.6140, 0.3597,
0.4839

38.5532, 0.3359,
0.3897

0.9337, 0.3919,
0.6081

53.9394, 0.3336,
0.3830

0.0000, 0.0000,
0.0000

72.9552, 0.3318,
0.3777

95.9852, 0.3302,
0.3733

123.4137, 0.3289,

0.3696

155.6250, 0.3277,
0.3665

■ 10.3289, 0.3466,
0.4250

■ 10.3289, 0.3466,
0.4250

■ 10.1045, 0.3540,
0.4506

■ 10.5783, 0.3383,
0.3992

■ 9.9027, 0.3602,
0.4751

■ 10.8522, 0.3296,
0.3738

■ 9.7227, 0.3646,
0.4975


■ 11.1522, 0.3207,
0.3496


■ 9.5632, 0.3671,
0.5167


■ 11.4790, 0.3118,
0.3267

■ 9.4229, 0.3675,
0.5321

■ 11.8335, 0.3032,
0.3054


 9.2950, 0.3667,
0.5456

 12.2164, 0.2950,
0.2859

 9.2820, 0.3667,
0.5471

 12.6285, 0.2873,
0.2680

 13.0706, 0.2800,
0.2518

 13.5433, 0.2732,
0.2371

Harmonies

Analogous

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



10.3289, 0.3917, 0.4136



10.3289, 0.3466, 0.4250



10.3289, 0.2946, 0.4046

Triad

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



10.3289, 0.3466, 0.4250



10.3289, 0.2181, 0.2658



10.3289, 0.3767, 0.2998

Complementary

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



10.3289, 0.3466, 0.4250



5.1524, 0.2682, 0.2264

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.



10.3289, 0.3245, 0.2673



10.3289, 0.3466, 0.4250



10.3289, 0.2356, 0.2470

Square

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



10.3289, 0.3466, 0.4250



10.3289, 0.2229, 0.3050



10.3289, 0.2730, 0.2483



10.3289, 0.4115, 0.3400

Rectangle

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



10.3289, 0.3466, 0.4250



10.3289, 0.2631, 0.3750



10.3289, 0.2730, 0.2483



10.3289, 0.3603, 0.2878

Sweetspot

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



10.3294, 0.3466, 0.4250



18.9206, 0.3237, 0.3577



7.0822, 0.3885, 0.3595



4.5249, 0.3243, 0.3594



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.



10.3294, 0.3466, 0.4250



17.3265, 0.3536, 0.4492



9.6060, 0.3175, 0.4344



2.9313, 0.3206, 0.3494



13.1629, 0.3656, 0.5479



69.8294, 0.3624, 0.5504

Inverse Universe

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



5.1524, 0.2682, 0.2264



7.0433, 0.2544, 0.1984



5.9363, 0.3033, 0.2362



2.5511, 0.3044, 0.3083



1.5557, 0.1773, 0.0751



7.8788, 0.1718, 0.0720

Previews

White Background



This preview shows how the Yxy color 10.3289, 0.3466, 0.4250 looks on a white background.

Color Contrast Check

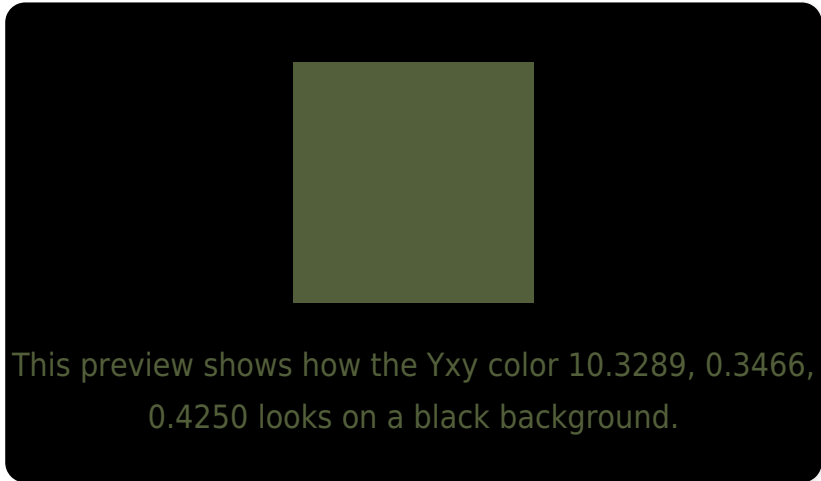
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

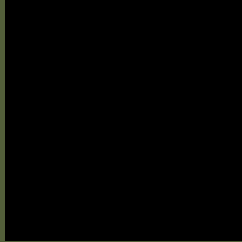
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

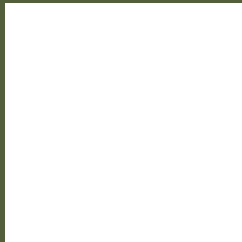
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 10.3289, 0.3466, 0.4250

Background



This preview shows how black text looks on a background with the Yxy color 10.3289, 0.3466, 0.4250.



This preview shows how white text looks on a background with the Yxy color 10.3289, 0.3466, 0.4250.

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

10.3289, 0.3466, 0.4250

Protanopia

10.2505, 0.3809, 0.4103

Deuteranopia

10.1700, 0.3943, 0.3883



Tritanopia

10.2501, 0.2994, 0.3120

Trichromacy



Original Color

10.3289, 0.3466, 0.4250

Protanomaly

10.2769, 0.3671, 0.4155

Deuteranomaly

10.1132, 0.3771, 0.4012

Tritanomaly

10.2573, 0.3164, 0.3517

Monochromacy



Original Color

10.3289, 0.3466, 0.4250

Achromatopsia

9.5307, 0.3127, 0.3290

Achromatomaly

9.8126, 0.3273, 0.3651

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.3289, 0.3466, 0.4250 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(83, 95, 58)` looks like.

```
.text, #text, p{  
    color:rgb(83, 95, 58)  
}
```

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(83, 95, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 95, 58) }
```

Border

The CSS property to change the border of an element to Yxy 10.3289, 0.3466, 0.4250 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(83, 95, 58) }
```

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

```
.border{ border-color:rgb(83, 95, 58) }
```

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

Here you see how a box with a 4 pixel rgb(83, 95, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 95, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 95, 58);  
box-shadow:4px 4px 4px 4px rgb(83, 95, 58)  
}
```


Background

The CSS property to change the background color of an element to Yxy 10.3289, 0.3466, 0.4250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 95, 58) }
```

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

```
.background{ background-color: rgb(83, 95,  
58) }
```

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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