

Converting Colors

$Y_{xy}(10.2963, 0.3873, 0.4594)$

Have a look what the booklet for
Yxy(10.2963, 0.3873, 0.4594)
contains.

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Color

Yxy(10.2505, 0.3884, 0.4579)

Conversions

Conversions Part 1

Format	Color
Hex	5C5D27
RGB	92, 93, 39
RGB Percent	36%, 36%, 15%
CMY	0.6392, 0.6353, 0.8470
CMYK	0.01, 0.00, 0.58, 0.64
HSL	61°, 41%, 26%
HSV	61°, 58%, 36%
XYZ	8.6947, 10.2505, 3.4407
YIQ	86.5450, 16.7380, -17.0060

Conversions

Conversions Part 2

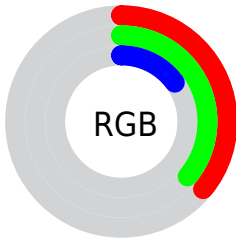
Format	Color
R_{YB}	39, 93, 40
Decimal	6053159
CIE Lab	38.29, -8.71, 30.37
CIE LCh	38, 31.595, 106.005
Yxy	10.2505, 0.3884, 0.4579
Android (android.graphics.Color)	4284243239 (0xFF5C5D27)
YUV	86.5450, -23.4397, 4.7840
Hunter-Lab	32.0164, -7.5535, 16.0398

Details

The Yxy color **10.2505, 0.3884, 0.4579** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2.6935, 0.2109, 0.1588**, and the grayscale version is **9.4772, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.2461, 0.3716, 0.4240**, and **2.5909, 0.4132, 0.5101** is the 20% darker color. If you saturate the color by 10%, you get **10.1878, 0.3981, 0.4748**, and if you desaturate by 10%, it is **10.3292, 0.3770, 0.4382**.

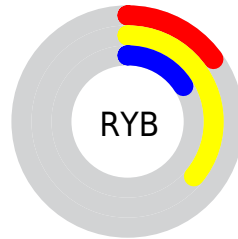
Distribution



Red (36%)

Green (36%)

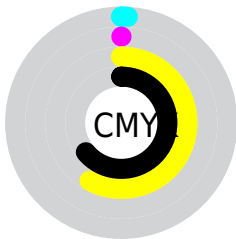
Blue (15%)



Red (15%)

Yellow (36%)

Blue (16%)

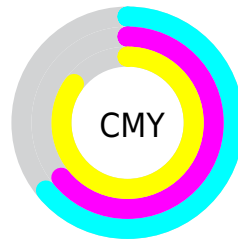


Cyan (1%)

Magenta (0%)

Yellow (58%)

Black (64%)



Cyan (64%)


Magenta (64%)


Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.2505, 0.3884, 0.4579 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 10.2505, 0.3884, 0.4579 by changing the saturation by 10% instead.


 10.2505, 0.3884,
0.4579


 10.2505, 0.3884,
0.4579


192.4507, 0.3441,
0.3777


 5.5654, 0.4003,
0.4845

 26.2656, 0.3710,
0.4240


 2.5826, 0.4344,
0.5484


 38.3644, 0.3648,
0.4128

 0.9179, 0.4181,
0.5819

 53.7031, 0.3597,
0.4039

 0.0000, 0.0000,
0.0000

 72.6663, 0.3555,
0.3966

 95.6382, 0.3519,
0.3906

 123.0033, 0.3489,

0.3856

155.1460, 0.3463,
0.3813

10.2505, 0.3884,
0.4579

10.2505, 0.3884,
0.4579

10.1878, 0.3981,
0.4748

10.3292, 0.3770,
0.4382

10.1387, 0.4058,
0.4884

10.4237, 0.3643,
0.4166

10.1024, 0.4113,
0.4984

10.5352, 0.3509,
0.3937

10.0732, 0.4155,
0.5061

10.6647, 0.3372,
0.3703

10.0675, 0.4163,
0.5076

10.8129, 0.3235,
0.3472

■ 10.9806, 0.3102,
0.3247

■ 11.1686, 0.2974,
0.3033

■ 11.3774, 0.2855,
0.2831

■ 11.6077, 0.2743,
0.2644

Harmonies

Analogous

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



10.2505, 0.4402, 0.4206



10.2505, 0.3884, 0.4579



10.2505, 0.3197, 0.4570

Triad

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



10.2505, 0.3884, 0.4579



10.2505, 0.1863, 0.2633



10.2505, 0.3664, 0.2665

Complementary

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



10.2505, 0.3884, 0.4579



2.6935, 0.2109, 0.1588

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.



10.2505, 0.2917, 0.2324



10.2505, 0.3884, 0.4579



10.2505, 0.1952, 0.2269

Square

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



10.2505, 0.3884, 0.4579



10.2505, 0.2055, 0.3280



10.2505, 0.2311, 0.2178



10.2505, 0.4306, 0.3142

Rectangle

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



10.2505, 0.3884, 0.4579



10.2505, 0.2737, 0.4274



10.2505, 0.2311, 0.2178



10.2505, 0.3412, 0.2532

Sweetspot

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



10.2510, 0.3884, 0.4579



18.2624, 0.3364, 0.3691



3.9855, 0.4691, 0.3317



4.5716, 0.3381, 0.3719



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.



10.2510, 0.3884, 0.4579



17.3967, 0.4015, 0.4808



9.1029, 0.3421, 0.4814



2.6850, 0.3245, 0.3489



14.2412, 0.4163, 0.5077



77.9407, 0.4161, 0.5078

Inverse Universe

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



2.6935, 0.2109, 0.1588



3.0142, 0.1853, 0.1166



3.4322, 0.2610, 0.1788



2.2834, 0.3004, 0.3083



1.1312, 0.1511, 0.0606



6.1514, 0.1504, 0.0602

Previews

White Background



This preview shows how the Yxy color 10.2505, 0.3884, 0.4579 looks on a white background.

Color Contrast Check

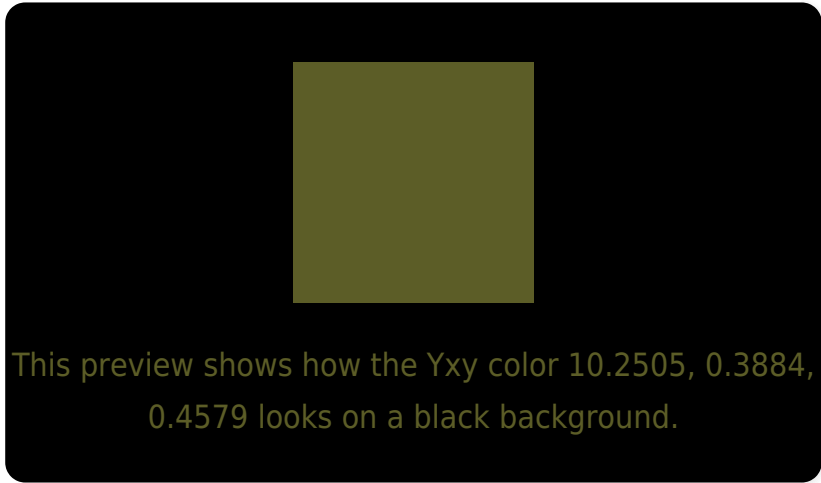
Large Text (above 18pt) WCAG AA ✓ Pass

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

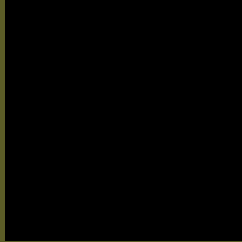
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.2505, 0.3884, 0.4579

Background



This preview shows how black text looks on a background with the Yxy color 10.2505, 0.3884, 0.4579.



This preview shows how white text looks on a background with the Yxy color 10.2505, 0.3884, 0.4579.

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

10.2505, 0.3884, 0.4579

Protanopia

10.1616, 0.4075, 0.4471

Deuteranopia

10.1952, 0.4284, 0.4248



Tritanopia

10.1659, 0.3184, 0.3125

Trichromacy



Original Color

10.2505, 0.3884, 0.4579

Protanomaly

10.1635, 0.4008, 0.4516

Deuteranomaly

10.2410, 0.4134, 0.4380

Tritanomaly

10.0721, 0.3462, 0.3660

Monochromacy



Original Color

10.2505, 0.3884, 0.4579

Achromatopsia

9.5307, 0.3127, 0.3290

Achromatomaly

9.7108, 0.3421, 0.3777

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.2505, 0.3884, 0.4579 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 $rgb(92, 93, 39)$ looks like.

```
.text, #text, p{  
    color:rgb(92, 93, 39)  
}
```

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(92, 93, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 93, 39) }
```

Border

The CSS property to change the border of an element to Yxy 10.2505, 0.3884, 0.4579 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(92, 93, 39) }
```

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

```
.border{ border-color:rgb(92, 93, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 93, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 93, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 93, 39);  
box-shadow:4px 4px 4px 4px rgb(92, 93, 39)  
}
```


Background

The CSS property to change the background color of an element to Yxy 10.2505, 0.3884, 0.4579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 93, 39) }
```

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

```
.background{ background-color: rgb(92, 93,  
39) }
```

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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