

Converting Colors

$Y_{xy}(10.5737, 0.3366, 0.3715)$

Have a look what the booklet for
Yxy(10.5737, 0.3366, 0.3715)
contains.

Yxy(10.6258, 0.3363, 0.3710)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(10.6258, 0.3363, 0.3710)

Conversions

Conversions Part 1

Format	Color
Hex	5C5D4C
RGB	92, 93, 76
RGB Percent	36%, 36%, 30%
CMY	0.6393, 0.6353, 0.7019
CMYK	0.01, 0.00, 0.18, 0.64
HSL	64°, 10%, 33%
HSV	64°, 18%, 36%
XYZ	9.6320, 10.6258, 8.3832
YIQ	90.7630, 4.8610, -5.4990

Conversions

Conversions Part 2

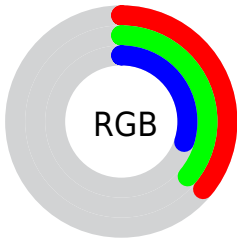
Format	Color
RYB	76, 93, 77
Decimal	6053196
CIELab	38.94, -3.71, 9.65
CIELCh	39, 10.335, 111.051
Yxy	10.6258, 0.3363, 0.3710
Android (android.graphics.Color)	4284243276 (0xFF5C5D4C)
YUV	90.7630, -7.2782, 1.0848
Hunter-Lab	32.5972, -4.3013, 7.5701

Details

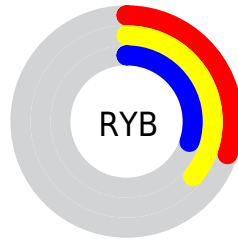
The Yxy color **10.6258, 0.3363, 0.3710** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7.5403, 0.2869, 0.2837**, and the grayscale version is **10.4213, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.8764, 0.3297, 0.3591**, and **2.7182, 0.3491, 0.3947** is the 20% darker color. If you saturate the color by 10%, you get **10.4775, 0.3494, 0.3946**, and if you desaturate by 10%, it is **10.7939, 0.3233, 0.3477**.

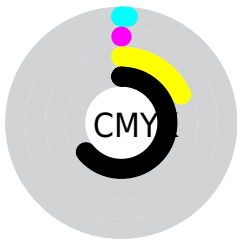
Distribution



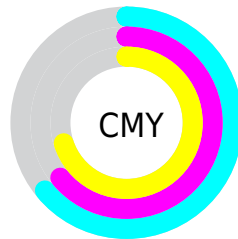
- Red (36%)
- Green (36%)
- Blue (30%)



- Red (30%)
- Yellow (36%)
- Blue (30%)



- Cyan (1%)
- Magenta (0%)
- Yellow (18%)
- Black (64%)




- Cyan (64%)
- Magenta (64%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.6258, 0.3363, 0.3710 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 10.6258, 0.3363, 0.3710 by changing the saturation by 10% instead.


 10.6258, 0.3363,
0.3710


 10.6258, 0.3363,
0.3710


195.0820, 0.3218,
0.3447


 5.8158, 0.3413,
0.3806

 26.9661, 0.3301,
0.3596


 2.7334, 0.3490,
0.3957


 39.2652, 0.3281,
0.3559

 0.9942, 0.3783,
0.4422

 54.8295, 0.3265,
0.3531

 0.0000, 0.0000,
0.0000

 74.0433, 0.3252,
0.3507

 97.2911, 0.3242,
0.3488

124.9572, 0.3232,

0.3472

157.4260, 0.3225,
0.3459

■ 10.6258, 0.3363,
0.3710

■ 10.6258, 0.3363,
0.3710

■ 10.4775, 0.3494,
0.3946

■ 10.7939, 0.3233,
0.3477

■ 10.3469, 0.3621,
0.4178

■ 10.9812, 0.3105,
0.3252

■ 10.2336, 0.3740,
0.4400

■ 11.1889, 0.2984,
0.3038

■ 10.1366, 0.3847,
0.4603

■ 11.4177, 0.2869,
0.2837

■ 10.0549, 0.3937,
0.4779

■ 11.6682, 0.2762,
0.2651

■ 9.9874, 0.4007,
0.4923

■ 11.9410, 0.2662,
0.2480

■ 9.9328, 0.4055,
0.5029

■ 12.2366, 0.2571,
0.2323

■ 9.8852, 0.4090,
0.5115

■ 12.5558, 0.2488,
0.2181

■ 9.8771, 0.4096,
0.5130

■ 12.8990, 0.2412,
0.2051

Harmonies

Analogous

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



10.6258, 0.3536, 0.3645



10.6258, 0.3363, 0.3710



10.6258, 0.3131, 0.3654

Triad

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



10.6258, 0.3363, 0.3710



10.6258, 0.2678, 0.3063



10.6258, 0.3346, 0.3102

Complementary

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



10.6258, 0.3363, 0.3710



7.5403, 0.2869, 0.2837

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.



10.6258, 0.3109, 0.2959



10.6258, 0.3363, 0.3710



10.6258, 0.2730, 0.2931

Square

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



10.6258, 0.3363, 0.3710



10.6258, 0.2741, 0.3267



10.6258, 0.2885, 0.2897



10.6258, 0.3528, 0.3293

Rectangle

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



10.6258, 0.3363, 0.3710



10.6258, 0.2976, 0.3553



10.6258, 0.2885, 0.2897



10.6258, 0.3270, 0.3047

Sweetspot

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



10.6263, 0.3363, 0.3710



18.5654, 0.3193, 0.3406



8.1381, 0.3445, 0.3313



4.6511, 0.3198, 0.3416



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.



10.6263, 0.3363, 0.3710



18.0664, 0.3421, 0.3814



10.2207, 0.3227, 0.3728



2.6806, 0.3240, 0.3490



13.9653, 0.4094, 0.5131



76.3370, 0.4087, 0.5137

Inverse Universe

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



7.5403, 0.2869, 0.2837



11.7023, 0.2798, 0.2714



7.9094, 0.3012, 0.2856



2.2874, 0.3010, 0.3083



1.1605, 0.1534, 0.0619



6.2181, 0.1514, 0.0608

Previews

White Background



This preview shows how the Yxy color 10.6258, 0.3363, 0.3710 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 10.6258, 0.3363, 0.3710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

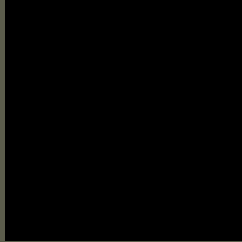
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

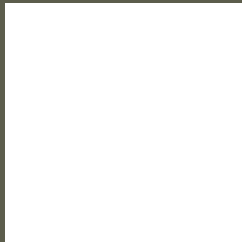
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 10.6258, 0.3363, 0.3710

Background



This preview shows how black text looks on a background with the Yxy color 10.6258, 0.3363, 0.3710.



This preview shows how white text looks on a background with the Yxy color 10.6258, 0.3363, 0.3710.

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

10.6258, 0.3363, 0.3710

Protanopia

10.5316, 0.3471, 0.3677

Deuteranopia

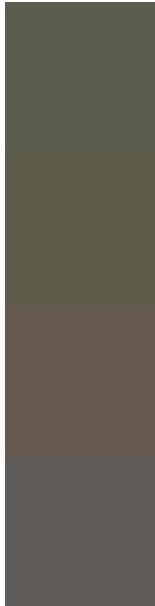
10.5794, 0.3609, 0.3544



Tritanopia

10.6083, 0.3103, 0.3125

Trichromacy



Original Color

10.6258, 0.3363, 0.3710

Protanomaly

10.5952, 0.3433, 0.3705

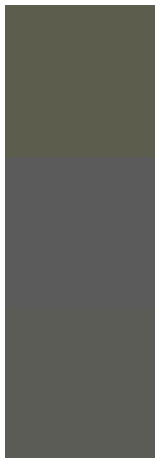
Deuteranomaly

10.6149, 0.3513, 0.3598

Tritanomaly

10.5831, 0.3205, 0.3338

Monochromacy



Original Color

10.6258, 0.3363, 0.3710

Achromatopsia

10.4616, 0.3127, 0.3290

Achromatomaly

10.5503, 0.3200, 0.3437

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.6258, 0.3363, 0.3710 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, 76) looks like.

```
.text, #text, p{  
  color:rgb(92, 93, 76)  
}
```

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, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 93, 76) }
```

Border

The CSS property to change the border of an element to Yxy 10.6258, 0.3363, 0.3710 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, 76) }
```

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

```
.border{ border-color:rgb(92, 93, 76) }
```

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, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 93, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 93, 76);  
box-shadow:4px 4px 4px 4px rgb(92, 93, 76)  
}
```


Background

The CSS property to change the background color of an element to Yxy 10.6258, 0.3363, 0.3710 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, 76) }
```

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

```
.background{ background-color: rgb(92, 93,  
76) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor