

Converting Colors

$Y_{xy}(43.3452, 0.2665, 0.3772)$

Have a look what the booklet for
Yxy(43.3452, 0.2665, 0.3772)
contains.

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Color

Yxy(43.3452, 0.2665, 0.3772)

Conversions

Conversions Part 1

Format	Color
Hex	62C1A2
RGB	98, 193, 162
RGB Percent	38%, 76%, 64%
CMY	0.6159, 0.2431, 0.3646
CMYK	0.49, 0.00, 0.16, 0.24
HSL	160°, 43%, 57%
HSV	160°, 49%, 76%
XYZ	30.6243, 43.3452, 40.9435
YIQ	161.0610, -46.6690, -29.7810

Conversions

Conversions Part 2

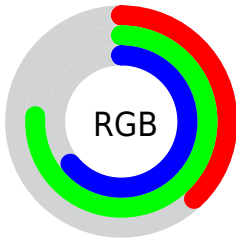
Format	Color
RYB	98, 155, 193
Decimal	6472098
CIELab	71.79, -35.62, 7.00
CIELCh	72, 36.303, 168.878
Yxy	43.3452, 0.2665, 0.3772
Android (android.graphics.Color)	4284662178 (0xFF62C1A2)
YUV	161.0610, 0.4629, -55.3045
Hunter-Lab	65.8371, -32.1850, 9.2140

Details

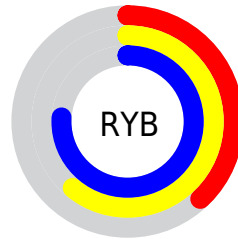
The Yxy color **43.3452, 0.2665, 0.3772** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **21.6447, 0.4027, 0.2875**, and the grayscale version is **35.6784, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.2510, 0.2751, 0.3677**, and **20.0031, 0.2530, 0.3939** is the 20% darker color. If you saturate the color by 10%, you get **42.1823, 0.2605, 0.3891**, and if you desaturate by 10%, it is **44.7816, 0.2740, 0.3659**.

Distribution



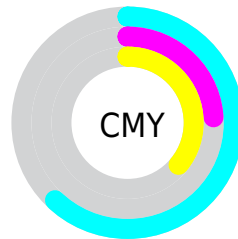
- Red (38%)
- Green (76%)
- Blue (64%)



- Red (38%)
- Yellow (61%)
- Blue (76%)



- Cyan (49%)
- Magenta (0%)
- Yellow (16%)
- Black (24%)




- Cyan (62%)
- Magenta (24%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.3452, 0.2665, 0.3772 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 43.3452, 0.2665, 0.3772 by changing the saturation by 10% instead.


 43.3452, 0.2665,
0.3772


 43.3452, 0.2665,
0.3772


360.0295, 0.2901,
0.3521


 30.1561, 0.2604,
0.3838


 80.2315, 0.2752,
0.3678

 19.9571, 0.2525,
0.3924


 104.6975, 0.2785,
0.3644

 12.3638, 0.2419,
0.4043


 133.6912, 0.2812,
0.3615

 6.9920, 0.2267,
0.4216

 167.5970, 0.2835,
0.3591

 3.4571, 0.2035,
0.4489

206.7994, 0.2855,
0.3570

 1.3748, 0.1385,
0.5135

251.6826, 0.2873,

 0.1980, 0.0000,

0.3552

1.0000

302.6312, 0.2888,
0.3535

0.0000, 0.0000,
0.0000

43.3452, 0.2665,
0.3772

43.3452, 0.2665,
0.3772

42.1823, 0.2605,
0.3891

44.7816, 0.2740,
0.3659

41.2685, 0.2563,
0.4014

46.5034, 0.2828,
0.3553

40.5839, 0.2541,
0.4138

48.5281, 0.2925,
0.3455


40.1031, 0.2538,
0.4263

50.8703, 0.3028,
0.3365


39.7807, 0.2553,
0.4385

53.5436, 0.3135,
0.3284

 39.7590, 0.2554,
0.4394

 56.5609, 0.3244,
0.3212

 59.9342, 0.3353,
0.3148

 63.6751, 0.3460,
0.3091

 64.5002, 0.3431,
0.3029

Harmonies

Analogous

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



43.3452, 0.3150, 0.4150



43.3452, 0.2665, 0.3772



43.3452, 0.2322, 0.3250

Triad

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



43.3452, 0.2665, 0.3772



43.3452, 0.2570, 0.2467



43.3452, 0.4167, 0.3649

Complementary

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



43.3452, 0.2665, 0.3772



21.6447, 0.4027, 0.2875

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.



43.3452, 0.3995, 0.3238



43.3452, 0.2665, 0.3772



43.3452, 0.3035, 0.2590

Square

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



43.3452, 0.2665, 0.3772



43.3452, 0.2274, 0.2531



43.3452, 0.3565, 0.2864



43.3452, 0.4031, 0.4014

Rectangle

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



43.3452, 0.2665, 0.3772



43.3452, 0.2207, 0.2931



43.3452, 0.3565, 0.2864



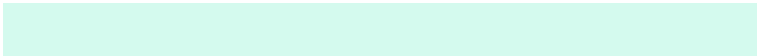
43.3452, 0.4144, 0.3512

Sweetspot

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



43.3469, 0.2665, 0.3772



88.5222, 0.2966, 0.3418



43.7415, 0.3287, 0.4727



18.8052, 0.2944, 0.3437



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



43.3469, 0.2665, 0.3772



75.4175, 0.2602, 0.3899



37.9530, 0.2442, 0.3047



11.3708, 0.3027, 0.3366



26.4564, 0.2550, 0.4378



1.1553, 0.2474, 0.4105

Inverse Universe

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



21.6447, 0.4027, 0.2875



32.1175, 0.4343, 0.2805



24.2044, 0.4374, 0.3507



10.1308, 0.3239, 0.3215



7.7920, 0.5642, 0.2882



0.3495, 0.5000, 0.2528

Previews

White Background



This preview shows how the Yxy color 43.3452, 0.2665, 0.3772 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 43.3452, 0.2665, 0.3772 looks on a black 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 ✓ Pass

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

Yxy 43.3452, 0.2665, 0.3772

Background



This preview shows how black text looks on a background with the Yxy color 43.3452, 0.2665, 0.3772.



This preview shows how white text looks on a background with the Yxy color 43.3452, 0.2665, 0.3772.

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

43.3452, 0.2665, 0.3772

Protanopia

42.6064, 0.3397, 0.3588

Deuteranopia

42.7681, 0.3386, 0.3317



Tritanopia

43.1199, 0.2484, 0.3072

Trichromacy



Original Color

43.3452, 0.2665, 0.3772



Protanomaly

42.1234, 0.3076, 0.3653



Deuteranomaly

42.0310, 0.3075, 0.3474



Tritanomaly

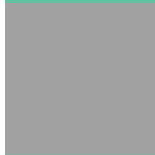
43.0472, 0.2552, 0.3318

Monochromacy



Original Color

43.3452, 0.2665, 0.3772



Achromatopsia

35.6400, 0.3127, 0.3290



Achromatomaly

37.8636, 0.2921, 0.3472

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3452, 0.2665, 0.3772 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(98, 193, 162)` looks like.

```
.text, #text, p{  
    color:rgb(98, 193, 162)  
}
```

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(98, 193, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 193, 162) }
```

Border

The CSS property to change the border of an element to Yxy 43.3452, 0.2665, 0.3772 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(98, 193, 162) }
```

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

```
.border{ border-color:rgb(98, 193, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 193, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 193, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 193, 162);  
box-shadow:4px 4px 4px 4px rgb(98, 193,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3452, 0.2665, 0.3772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 193, 162) }
```

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

```
.background{ background-color: rgb(98, 193,  
162) }
```

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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