

Converting Colors

$Yxy(30.5473, 0.2561, 0.3936)$

Have a look what the booklet for
Yxy(30.5473, 0.2561, 0.3936)
contains.

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Color

Yxy(30.5395, 0.2565, 0.3943)

Conversions

Conversions Part 1

Format	Color
Hex	38A885
RGB	56, 168, 133
RGB Percent	22%, 66%, 52%
CMY	0.7806, 0.3412, 0.4783
CMYK	0.67, 0.00, 0.21, 0.34
HSL	161°, 50%, 44%
HSV	161°, 67%, 66%
XYZ	19.8666, 30.5395, 27.0464
YIQ	130.5220, -55.5170, -34.6290

Conversions

Conversions Part 2

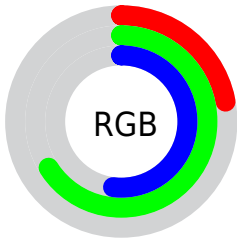
Format	Color
RYB	56, 122, 168
Decimal	3713157
CIELab	62.12, -39.98, 8.96
CIElCh	62, 40.971, 167.365
Yxy	30.5395, 0.2565, 0.3943
Android (android.graphics.Color)	4281903237 (0xFF38A885)
YUV	130.5220, 1.2217, -65.3558
Hunter-Lab	55.2626, -32.5398, 9.6663

Details

The Yxy color **30.5395, 0.2565, 0.3943** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **11.9039, 0.4575, 0.2800**, and the grayscale version is **22.5253, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.5695, 0.2684, 0.3805**, and **12.8860, 0.2494, 0.4178** is the 20% darker color. If you saturate the color by 10%, you get **29.9942, 0.2535, 0.4060**, and if you desaturate by 10%, it is **31.2569, 0.2614, 0.3828**.

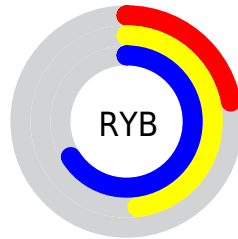
Distribution



Red (22%)

Green (66%)

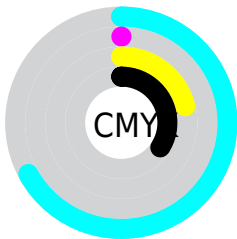
Blue (52%)



Red (22%)

Yellow (48%)

Blue (66%)

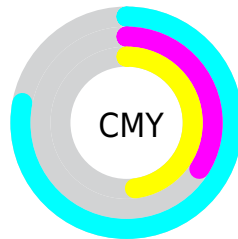


Cyan (67%)

Magenta (0%)

Yellow (21%)

Black (34%)



Cyan (78%)


Magenta (34%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.5395, 0.2565, 0.3943 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 30.5395, 0.2565, 0.3943 by changing the saturation by 10% instead.


 30.5395, 0.2565,
0.3943


 30.5395, 0.2565,
0.3943


304.4112, 0.2871,
0.3581


 20.2484, 0.2480,
0.4047


 60.5143, 0.2682,
0.3802


 12.5758, 0.2364,
0.4191


 80.9669, 0.2725,
0.3752


 7.1371, 0.2200,
0.4400


 105.5754, 0.2760,
0.3711

 3.5480, 0.1949,
0.4732

 134.7243, 0.2789,
0.3676

 1.4241, 0.1169,
0.5569

 168.7979, 0.2814,
0.3647

 0.2344, 0.0000,
1.0000

208.1806, 0.2835,

 0.0000, 0.0000,

0.3622

0.0000

253.2569, 0.2854,
0.3600

■ 30.5395, 0.2565,
0.3943

■ 30.5395, 0.2565,
0.3943

■ 29.9942, 0.2535,
0.4060

■ 31.2569, 0.2614,
0.3828

■ 29.6001, 0.2525,
0.4178

■ 32.1574, 0.2679,
0.3717

■ 29.3341, 0.2533,
0.4295

■ 33.2555, 0.2758,
0.3612

■ 29.2577, 0.2537,
0.4333

■ 34.5630, 0.2850,
0.3514

■ 36.0909, 0.2949,
0.3423

■ 37.8493, 0.3055,
0.3341

■ 39.8478, 0.3163,
0.3266

■ 42.0953, 0.3273,
0.3200

■ 44.6004, 0.3383,
0.3140

Harmonies

Analogous

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



30.5395, 0.3171, 0.4420



30.5395, 0.2565, 0.3943



30.5395, 0.2138, 0.3258

Triad

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



30.5395, 0.2565, 0.3943



30.5395, 0.2406, 0.2274



30.5395, 0.4440, 0.3684

Complementary

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



30.5395, 0.2565, 0.3943



11.9039, 0.4575, 0.2800

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.



30.5395, 0.4209, 0.3185



30.5395, 0.2565, 0.3943



30.5395, 0.2970, 0.2416

Square

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



30.5395, 0.2565, 0.3943



30.5395, 0.2062, 0.2352



30.5395, 0.3644, 0.2738



30.5395, 0.4273, 0.4155

Rectangle

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



30.5395, 0.2565, 0.3943



30.5395, 0.1995, 0.2849



30.5395, 0.3644, 0.2738



30.5395, 0.4408, 0.3516

Sweetspot

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



30.5407, 0.2565, 0.3943



64.4218, 0.2912, 0.3456



30.5387, 0.3275, 0.5244



13.8788, 0.2885, 0.3480



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



30.5407, 0.2565, 0.3943



54.0516, 0.2528, 0.4117



24.6785, 0.2268, 0.2914



8.4916, 0.3027, 0.3361



22.1024, 0.2534, 0.4322



0.5463, 0.2427, 0.3938

Inverse Universe

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



11.9039, 0.4575, 0.2800



17.7914, 0.5095, 0.2795



13.8485, 0.5032, 0.3577



7.5795, 0.3239, 0.3220



6.4852, 0.5675, 0.2900



0.1669, 0.4763, 0.2398

Previews

White Background



This preview shows how the Yxy color 30.5395, 0.2565, 0.3943 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 30.5395, 0.2565, 0.3943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

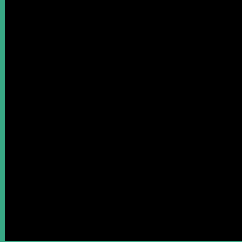
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.5395, 0.2565, 0.3943

Background



This preview shows how black text looks on a background with the Yxy color 30.5395, 0.2565, 0.3943.



This preview shows how white text looks on a background with the Yxy color 30.5395, 0.2565, 0.3943.

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

30.5395, 0.2565, 0.3943

Protanopia

30.0931, 0.3469, 0.3698

Deuteranopia

29.9970, 0.3437, 0.3381



Tritanopia

30.3917, 0.2371, 0.3068

Trichromacy



Original Color

30.5395, 0.2565, 0.3943



Protanomaly

29.3023, 0.3037, 0.3792



Deuteranomaly

29.0721, 0.3026, 0.3577



Tritanomaly

30.2823, 0.2433, 0.3359

Monochromacy



Original Color

30.5395, 0.2565, 0.3943



Achromatopsia

22.6966, 0.3127, 0.3290



Achromatomaly

24.5555, 0.2838, 0.3512

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.5395, 0.2565, 0.3943 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(56, 168, 133)` looks like.

```
.text, #text, p{  
    color:rgb(56, 168, 133)  
}
```

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(56, 168, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 168, 133) }
```

Border

The CSS property to change the border of an element to Yxy 30.5395, 0.2565, 0.3943 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(56, 168, 133) }
```

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

```
.border{ border-color:rgb(56, 168, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 168, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 168, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 168, 133);  
box-shadow:4px 4px 4px 4px rgb(56, 168,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 30.5395, 0.2565, 0.3943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 168, 133) }
```

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

```
.background{ background-color: rgb(56, 168,  
133) }
```

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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