

Converting Colors

$Yxy(39.6353, 0.2714, 0.4614)$

Have a look what the booklet for
Yxy(39.6353, 0.2714, 0.4614)
contains.

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Color

Yxy(39.6383, 0.2714, 0.4614)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 32C074 |
| RGB | 50, 192, 116 |
| RGB Percent | 20%, 75%, 45% |
| CMY | 0.8043, 0.2470, 0.5450 |
| CMYK | 0.74, 0.00, 0.40, 0.25 |
| HSL | 148°, 59%, 47% |
| HSV | 148°, 74%, 75% |
| XYZ | 23.3156, 39.6383, 22.9548 |
| YIQ | 140.8780, -60.2360, -53.7400 |

Conversions

Conversions Part 2

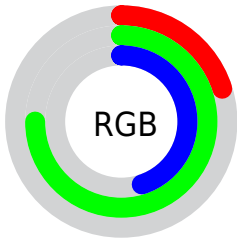
| Format | Color |
|-------------------------------------|--|
| RYB | 50, 147, 192 |
| Decimal | 3326068 |
| CIELab | 69.21, -54.29, 27.88 |
| CIELCh | 69, 61.034, 152.817 |
| Yxy | 39.6383, 0.2714, 0.4614 |
| Android (android.graphics.Color) | 4281516148 (0xFF32C074) |
| YUV | 140.8780, -12.2649, -79.7000 |
| Hunter-Lab | 62.9590, -44.0741, 22.4541 |

Details

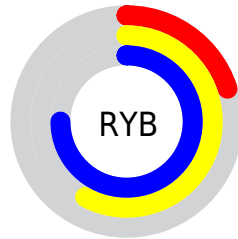
The Yxy color **39.6383, 0.2714, 0.4614** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **14.9847, 0.4241, 0.2386**, and the grayscale version is **26.6446, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.3289, 0.2806, 0.4324**, and **18.2966, 0.2723, 0.5003** is the 20% darker color. If you saturate the color by 10%, you get **39.0249, 0.2717, 0.4820**, and if you desaturate by 10%, it is **40.4858, 0.2731, 0.4405**.

Distribution



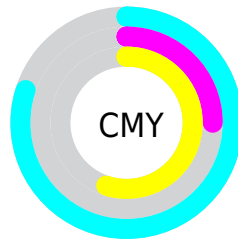
- Red (20%)
- Green (75%)
- Blue (45%)



- Red (20%)
- Yellow (58%)
- Blue (75%)



- Cyan (74%)
- Magenta (0%)
- Yellow (40%)
- Black (25%)




- Cyan (80%)
- Magenta (25%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.6383, 0.2714, 0.4614 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 39.6383, 0.2714, 0.4614 by changing the saturation by 10% instead.


 39.6383, 0.2714,
0.4614


 39.6383, 0.2714,
0.4614


344.5967, 0.2952,
0.3885


 27.2566, 0.2643,
0.4819


 74.6124, 0.2809,
0.4332

 17.7661, 0.2544,
0.5096


 97.9737, 0.2842,
0.4231


 10.7822, 0.2399,
0.5488


 125.7636, 0.2869,
0.4148

 5.9206, 0.2169,
0.6078

 158.3665, 0.2891,
0.4079

 2.7968, 0.1804,
0.7247

 196.1669, 0.2910,
0.4019

 1.0266, 0.0000,
1.0000

239.5491, 0.2926,

 0.0000, 0.0000,

0.3968

0.0000

288.8976, 0.2940,
0.3924

■ 39.6383, 0.2714,
0.4614

■ 39.6383, 0.2714,
0.4614

■ 39.0249, 0.2717,
0.4820

■ 40.4858, 0.2731,
0.4405

■ 38.6123, 0.2739,
0.5016

■ 41.5861, 0.2765,
0.4198

■ 38.4293, 0.2758,
0.5127

■ 42.9614, 0.2814,
0.3999

■ 44.6302, 0.2875,
0.3812

■ 46.6092, 0.2944,
0.3640

■ 48.9138, 0.3019,
0.3483

■ 51.5584, 0.3096,
0.3342

■ 54.5566, 0.3174,
0.3217

■ 57.9210, 0.3251,
0.3106

Harmonies

Analogous

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



39.6383, 0.3552, 0.4960



39.6383, 0.2714, 0.4614



39.6383, 0.2036, 0.3692

Triad

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



39.6383, 0.2714, 0.4614



39.6383, 0.1925, 0.1977



39.6383, 0.4829, 0.3432

Complementary

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



39.6383, 0.2714, 0.4614



14.9847, 0.4241, 0.2386

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.



39.6383, 0.4268, 0.2833



39.6383, 0.2714, 0.4614



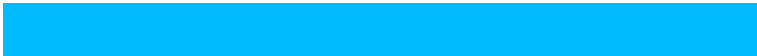
39.6383, 0.2510, 0.2039

Square

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



39.6383, 0.2714, 0.4614



39.6383, 0.1649, 0.2199



39.6383, 0.3365, 0.2341



39.6383, 0.4819, 0.4071

Rectangle

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



39.6383, 0.2714, 0.4614



39.6383, 0.1759, 0.3047



39.6383, 0.3365, 0.2341



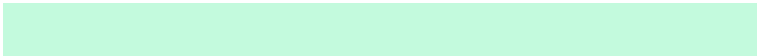
39.6383, 0.4701, 0.3225

Sweetspot

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



39.6399, 0.2714, 0.4614



85.0949, 0.2956, 0.3613



42.5260, 0.3516, 0.5277



18.0276, 0.2936, 0.3658



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.



39.6399, 0.2714, 0.4614



70.1871, 0.2729, 0.4947



41.8768, 0.2347, 0.3399



11.3351, 0.3054, 0.3416



25.8722, 0.2751, 0.5104



1.1318, 0.2631, 0.4673

Inverse Universe

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



14.9847, 0.4241, 0.2386



23.2000, 0.4608, 0.2375



13.7768, 0.5533, 0.3228



10.1659, 0.3207, 0.3168



8.2109, 0.4792, 0.2413



0.3686, 0.4346, 0.2168

Previews

White Background



This preview shows how the Yxy color 39.6383, 0.2714, 0.4614 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 39.6383, 0.2714, 0.4614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

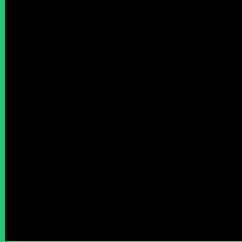
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.6383, 0.2714, 0.4614

Background



This preview shows how black text looks on a background with the Yxy color 39.6383, 0.2714, 0.4614.



This preview shows how white text looks on a background with the Yxy color 39.6383, 0.2714, 0.4614.

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

39.6383, 0.2714, 0.4614

Protanopia

39.1132, 0.3822, 0.4138

Deuteranopia

38.9256, 0.3857, 0.3790



Tritanopia

39.3261, 0.2363, 0.3060

Trichromacy



Original Color

39.6383, 0.2714, 0.4614



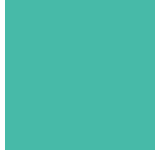
Protanomaly

37.7210, 0.3287, 0.4347



Deuteranomaly

36.7904, 0.3303, 0.4100



Tritanomaly

39.2846, 0.2482, 0.3581

Monochromacy



Original Color

39.6383, 0.2714, 0.4614



Achromatopsia

26.6356, 0.3127, 0.3290



Achromatomaly

29.9957, 0.2889, 0.3781

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.6383, 0.2714, 0.4614 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(50, 192, 116)` looks like.

```
.text, #text, p{  
  color:rgb(50, 192, 116)  
}
```

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(50, 192, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 192, 116) }
```

Border

The CSS property to change the border of an element to Yxy 39.6383, 0.2714, 0.4614 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(50, 192, 116) }
```

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

```
.border{ border-color:rgb(50, 192, 116) }
```

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

Here you see how a box with a 4 pixel rgb(50, 192, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 192, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 192, 116);  
box-shadow:4px 4px 4px 4px rgb(50, 192,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 39.6383, 0.2714, 0.4614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 192, 116) }
```

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

```
.background{ background-color: rgb(50, 192,  
116) }
```

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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