

Converting Colors

Yxy(41.3484, 0.2659, 0.3956)

Have a look what the booklet for
Yxy(41.3484, 0.2659, 0.3956)
contains.

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Color

Yxy(41.3484, 0.2659, 0.3956)

Conversions

Conversions Part 1

Format	Color
Hex	54BF96
RGB	84, 191, 150
RGB Percent	33%, 75%, 59%
CMY	0.6707, 0.2510, 0.4117
CMYK	0.56, 0.00, 0.21, 0.25
HSL	157°, 46%, 54%
HSV	157°, 56%, 75%
XYZ	27.7921, 41.3484, 35.3803
YIQ	154.3330, -50.6110, -35.4350

Conversions

Conversions Part 2

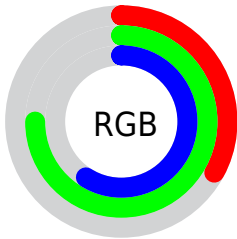
Format	Color
RYB	84, 150, 191
Decimal	5554070
CIELab	70.42, -40.63, 11.50
CIELCh	70, 42.226, 164.195
Yxy	41.3484, 0.2659, 0.3956
Android (android.graphics.Color)	4283744150 (0xFF54BF96)
YUV	154.3330, -2.1362, -61.6820
Hunter-Lab	64.3027, -35.3809, 12.3897

Details

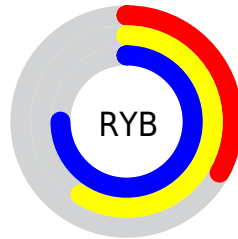
The Yxy color **41.3484, 0.2659, 0.3956** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **18.8943, 0.4122, 0.2747**, and the grayscale version is **32.4944, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.2452, 0.2754, 0.3825**, and **18.8502, 0.2513, 0.4188** is the 20% darker color. If you saturate the color by 10%, you get **40.3575, 0.2616, 0.4101**, and if you desaturate by 10%, it is **42.5976, 0.2719, 0.3816**.

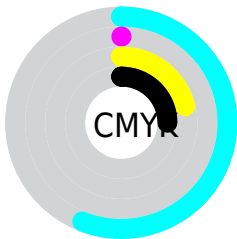
Distribution



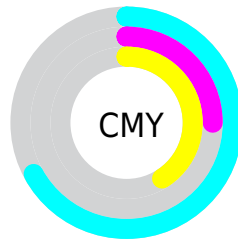
- Red (33%)
- Green (75%)
- Blue (59%)



- Red (33%)
- Yellow (59%)
- Blue (75%)



- Cyan (56%)
- Magenta (0%)
- Yellow (21%)
- Black (25%)





- Cyan (67%)
- Magenta (25%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.3484, 0.2659, 0.3956 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 41.3484, 0.2659, 0.3956 by changing the saturation by 10% instead.

 41.3484, 0.2659,
0.3956


 41.3484, 0.2659,
0.3956


351.7746, 0.2904,
0.3602

 28.5914, 0.2594,
0.4051


 77.2125, 0.2751,
0.3822


 18.7720, 0.2509,
0.4179


 101.0884, 0.2784,
0.3774

 11.5056, 0.2392,
0.4356


 129.4394, 0.2812,
0.3733

 6.4080, 0.2222,
0.4620

 162.6499, 0.2836,
0.3699

 3.0947, 0.1954,
0.5049

201.1043, 0.2857,
0.3670

 1.1814, 0.0601,
0.6798

245.1869, 0.2874,

 0.0464, 0.0000,

0.3644

1.0000

295.2822, 0.2890,
0.3622

■ 0.0000, 0.0000,
0.0000

■ 41.3484, 0.2659,
0.3956

■ 41.3484, 0.2659,
0.3956

■ 40.3575, 0.2616,
0.4101

■ 42.5976, 0.2719,
0.3816

■ 39.5995, 0.2591,
0.4249

■ 44.1181, 0.2793,
0.3684

■ 39.0527, 0.2587,
0.4397

■ 45.9281, 0.2877,
0.3561

■ 38.6870, 0.2602,
0.4543

■ 48.0424, 0.2970,
0.3449

■ 38.5681, 0.2611,
0.4600

■ 50.4751, 0.3067,
0.3347

■ 53.2394, 0.3167,
0.3255

■ 56.3475, 0.3267,
0.3173

■ 59.8111, 0.3366,
0.3101

■ 63.4732, 0.3456,
0.3037

Harmonies

Analogous

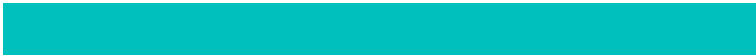
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



41.3484, 0.3238, 0.4360



41.3484, 0.2659, 0.3956



41.3484, 0.2233, 0.3331

Triad

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



41.3484, 0.2659, 0.3956



41.3484, 0.2407, 0.2332



41.3484, 0.4347, 0.3618

Complementary

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



41.3484, 0.2659, 0.3956



18.8943, 0.4122, 0.2747

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.



41.3484, 0.4091, 0.3148



41.3484, 0.2659, 0.3956



41.3484, 0.2919, 0.2445

Square

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



41.3484, 0.2659, 0.3956



41.3484, 0.2105, 0.2433



41.3484, 0.3545, 0.2734



41.3484, 0.4232, 0.4065

Rectangle

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



41.3484, 0.2659, 0.3956



41.3484, 0.2078, 0.2938



41.3484, 0.3545, 0.2734



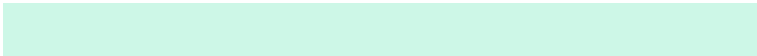
41.3484, 0.4302, 0.3459

Sweetspot

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



41.3501, 0.2659, 0.3956



85.5413, 0.2958, 0.3462



42.2636, 0.3337, 0.4915



18.6082, 0.2939, 0.3485



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.



41.3501, 0.2659, 0.3956



71.9691, 0.2609, 0.4131



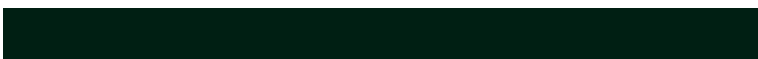
37.6930, 0.2388, 0.3094



10.7459, 0.3035, 0.3379



25.3615, 0.2606, 0.4580



1.0058, 0.2509, 0.4234

Inverse Universe

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



18.8943, 0.4122, 0.2747



27.8630, 0.4471, 0.2674



20.1680, 0.4683, 0.3458



9.5952, 0.3230, 0.3202



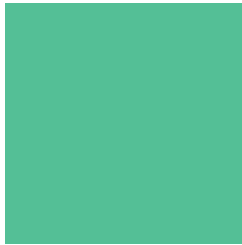
7.6112, 0.5418, 0.2758



0.3110, 0.4770, 0.2401

Previews

White Background



This preview shows how the Yxy color 41.3484, 0.2659, 0.3956 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 41.3484, 0.2659, 0.3956 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 41.3484, 0.2659, 0.3956

Background



This preview shows how black text looks on a background with the Yxy color 41.3484, 0.2659, 0.3956.



This preview shows how white text looks on a background with the Yxy color 41.3484, 0.2659, 0.3956.

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

41.3484, 0.2659, 0.3956

Protanopia

40.8430, 0.3491, 0.3717

Deuteranopia

40.6480, 0.3477, 0.3410



Tritanopia

41.1138, 0.2440, 0.3067

Trichromacy



Original Color

41.3484, 0.2659, 0.3956

Protanomaly

39.9654, 0.3120, 0.3801

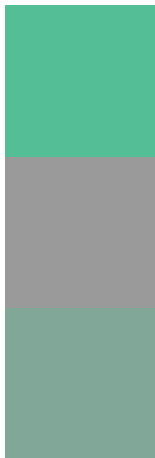
Deuteranomaly

39.3775, 0.3105, 0.3584

Tritanomaly

41.2565, 0.2518, 0.3380

Monochromacy



Original Color

41.3484, 0.2659, 0.3956

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

34.6045, 0.2905, 0.3512

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.3484, 0.2659, 0.3956 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(84, 191, 150)` looks like.

```
.text, #text, p{  
    color:rgb(84, 191, 150)  
}
```

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(84, 191, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 191, 150) }
```

Border

The CSS property to change the border of an element to Yxy 41.3484, 0.2659, 0.3956 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(84, 191, 150) }
```

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

```
.border{ border-color:rgb(84, 191, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 191, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 191, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 191, 150);  
box-shadow:4px 4px 4px 4px rgb(84, 191,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 41.3484, 0.2659, 0.3956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 191, 150) }
```

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

```
.background{ background-color: rgb(84, 191,  
150) }
```

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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