

Converting Colors

$Yxy(41.0823, 0.2944, 0.4614)$

Have a look what the booklet for
Yxy(41.0823, 0.2944, 0.4614)
contains.

Yxy(41.1963, 0.2941, 0.4609)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(41.1963, 0.2941, 0.4609)

Conversions

Conversions Part 1

Format	Color
Hex	5DC070
RGB	93, 192, 112
RGB Percent	36%, 75%, 44%
CMY	0.6354, 0.2470, 0.5607
CMYK	0.52, 0.00, 0.42, 0.25
HSL	132°, 44%, 56%
HSV	132°, 52%, 75%
XYZ	26.2873, 41.1963, 21.8987
YIQ	153.2790, -33.3240, -45.8680

Conversions

Conversions Part 2

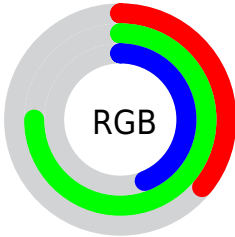
Format	Color
RYB	93, 176, 192
Decimal	6144112
CIELab	70.31, -46.27, 31.64
CIElCh	70, 56.055, 145.640
Yxy	41.1963, 0.2941, 0.4609
Android (android.graphics.Color)	4284334192 (0xFF5DC070)
YUV	153.2790, -20.3505, -52.8647
Hunter-Lab	64.1843, -39.2162, 24.7002

Details

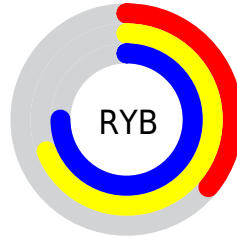
The Yxy color **41.1963, 0.2941, 0.4609** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted spring green. A complement of this color would be **22.0483, 0.3412, 0.2267**, and the grayscale version is **32.0834, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.9520, 0.2994, 0.4327**, and **18.8119, 0.2835, 0.5069** is the 20% darker color. If you saturate the color by 10%, you get **40.0027, 0.2921, 0.4911**, and if you desaturate by 10%, it is **42.7043, 0.2970, 0.4310**.

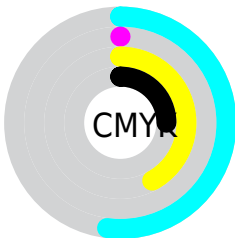
Distribution



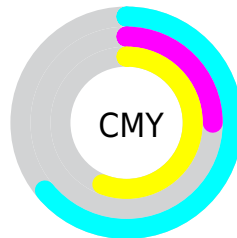
- Red (36%)
- Green (75%)
- Blue (44%)



- Red (36%)
- Yellow (69%)
- Blue (75%)



- Cyan (52%)
- Magenta (0%)
- Yellow (42%)
- Black (25%)





- Cyan (64%)
- Magenta (25%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.1963, 0.2941, 0.4609 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 41.1963, 0.2941, 0.4609 by changing the saturation by 10% instead.


 41.1963, 0.2941,
0.4609


 41.1963, 0.2941,
0.4609


351.1404, 0.3063,
0.3891


 28.4725, 0.2899,
0.4807


 76.9818, 0.2993,
0.4334


 18.6821, 0.2838,
0.5072


 100.8123, 0.3010,
0.4235

 11.4408, 0.2742,
0.5442


 129.1138, 0.3024,
0.4153

 6.3642, 0.2579,
0.5986

 162.2707, 0.3035,
0.4084

 3.0678, 0.2357,
0.7096

200.6674, 0.3044,
0.4025

 1.1672, 0.0000,
1.0000

244.6883, 0.3051,

 0.0347, 0.0000,

0.3974

1.0000

294.7179, 0.3057,
0.3930

■ 0.0000, 0.0000,
0.0000

■ 41.1963, 0.2941,
0.4609

■ 41.1963, 0.2941,
0.4609

■ 40.0027, 0.2921,
0.4911

■ 42.7043, 0.2970,
0.4310

■ 39.0961, 0.2912,
0.5202

■ 44.5417, 0.3004,
0.4027

■ 38.4530, 0.2916,
0.5463

■ 46.7285, 0.3042,
0.3765

■ 38.0436, 0.2931,
0.5677

■ 49.2816, 0.3082,
0.3530

■ 37.8348, 0.2949,
0.5816

■ 52.2170, 0.3121,
0.3321

■ 55.5495, 0.3159,
0.3137

■ 59.2934, 0.3196,
0.2977

■ 63.4619, 0.3230,
0.2839

■ 65.9649, 0.3181,
0.2704

Harmonies

Analogous

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



41.1963, 0.3715, 0.4785



41.1963, 0.2941, 0.4609



41.1963, 0.2260, 0.3874

Triad

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



41.1963, 0.2941, 0.4609



41.1963, 0.1932, 0.2104



41.1963, 0.4595, 0.3299

Complementary

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



41.1963, 0.2941, 0.4609



22.0483, 0.3412, 0.2267

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.



41.1963, 0.3983, 0.2754



41.1963, 0.2941, 0.4609



41.1963, 0.2410, 0.2098

Square

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



41.1963, 0.2941, 0.4609



41.1963, 0.1741, 0.2392



41.1963, 0.3148, 0.2330



41.1963, 0.4724, 0.3890

Rectangle

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



41.1963, 0.2941, 0.4609



41.1963, 0.1948, 0.3280



41.1963, 0.3148, 0.2330



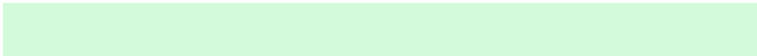
41.1963, 0.4436, 0.3109

Sweetspot

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



41.1980, 0.2941, 0.4609



87.5151, 0.3067, 0.3613



47.4733, 0.3705, 0.4599



18.5632, 0.3059, 0.3663



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.



41.1980, 0.2941, 0.4609



72.2140, 0.2919, 0.4954



42.5886, 0.2644, 0.3784



11.2898, 0.3090, 0.3481



25.4659, 0.2944, 0.5799



1.1100, 0.2831, 0.5390

Inverse Universe

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



22.0483, 0.3412, 0.2267



33.6567, 0.3495, 0.2086



20.4961, 0.4105, 0.2871



10.2132, 0.3166, 0.3106



9.1463, 0.3758, 0.1844



0.4039, 0.3614, 0.1765

Previews

White Background



This preview shows how the Yxy color 41.1963, 0.2941, 0.4609 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 41.1963, 0.2941, 0.4609 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 41.1963, 0.2941, 0.4609

Background



This preview shows how black text looks on a background with the Yxy color 41.1963, 0.2941, 0.4609.



This preview shows how white text looks on a background with the Yxy color 41.1963, 0.2941, 0.4609.

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

41.1963, 0.2941, 0.4609

Protanopia

40.6901, 0.3863, 0.4186

Deuteranopia

40.3637, 0.3945, 0.3853



Tritanopia

40.9978, 0.2517, 0.3069

Trichromacy



Original Color

41.1963, 0.2941, 0.4609



Protanomaly

40.0740, 0.3471, 0.4358



Deuteranomaly

39.4256, 0.3522, 0.4133



Tritanomaly

40.9352, 0.2673, 0.3600

Monochromacy



Original Color

41.1963, 0.2941, 0.4609



Achromatopsia

31.8547, 0.3127, 0.3290



Achromatomaly

34.2977, 0.3042, 0.3758

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1963, 0.2941, 0.4609 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(93, 192, 112)` looks like.

```
.text, #text, p{  
    color:rgb(93, 192, 112)  
}
```

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(93, 192, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 192, 112) }
```

Border

The CSS property to change the border of an element to Yxy 41.1963, 0.2941, 0.4609 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(93, 192, 112) }
```

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

```
.border{ border-color:rgb(93, 192, 112) }
```

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

Here you see how a box with a 4 pixel rgb(93, 192, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 192, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 192, 112);  
box-shadow:4px 4px 4px 4px rgb(93, 192,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1963, 0.2941, 0.4609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 192, 112) }
```

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

```
.background{ background-color: rgb(93, 192,  
112) }
```

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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