

Converting Colors

$Yxy(41.6916, 0.3470, 0.4693)$

Have a look what the booklet for
Yxy(41.6916, 0.3470, 0.4693)
contains.

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Color

Yxy(41.7128, 0.3465, 0.4697)

Conversions

Conversions Part 1

Format	Color
Hex	8FBA5B
RGB	143, 186, 91
RGB Percent	56%, 73%, 36%
CMY	0.4393, 0.2706, 0.6432
CMYK	0.23, 0.00, 0.51, 0.27
HSL	87°, 41%, 54%
HSV	87°, 51%, 73%
XYZ	30.7717, 41.7128, 16.3228
YIQ	162.3130, 4.8670, -38.6610

Conversions

Conversions Part 2

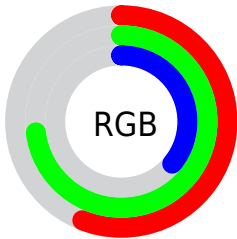
Format	Color
RYB	91, 186, 134
Decimal	9419355
CIELab	70.67, -30.26, 43.19
CIELCh	71, 52.737, 125.017
Yxy	41.7128, 0.3465, 0.4697
Android (android.graphics.Color)	4287609435 (0xFF8FBA5B)
YUV	162.3130, -35.1573, -16.9375
Hunter-Lab	64.5854, -27.9782, 30.2254

Details

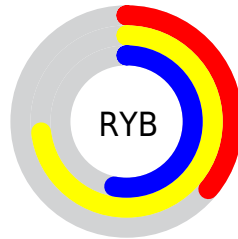
The Yxy color **41.7128, 0.3465, 0.4697** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **16.0943, 0.2582, 0.1852**, and the grayscale version is **36.4506, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.6295, 0.3430, 0.4419**, and **19.1019, 0.3501, 0.5149** is the 20% darker color. If you saturate the color by 10%, you get **40.7089, 0.3499, 0.4970**, and if you desaturate by 10%, it is **42.8564, 0.3415, 0.4409**.

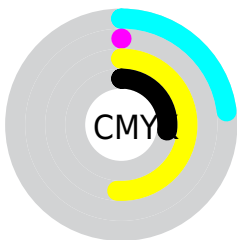
Distribution



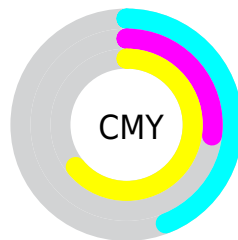
- Red (56%)
- Green (73%)
- Blue (36%)



- Red (36%)
- Yellow (73%)
- Blue (53%)



- Cyan (23%)
- Magenta (0%)
- Yellow (51%)
- Black (27%)




- Cyan (44%)
- Magenta (27%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.7128, 0.3465, 0.4697 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 41.7128, 0.3465, 0.4697 by changing the saturation by 10% instead.

 41.7128, 0.3465,
0.4697


 41.7128, 0.3465,
0.4697


353.2910, 0.3327,
0.3953


 28.8765, 0.3485,
0.4890


 77.7648, 0.3425,
0.4420

 18.9874, 0.3499,
0.5140


 101.7492, 0.3406,
0.4317

 11.6612, 0.3496,
0.5469


 130.2185, 0.3390,
0.4232

 6.5134, 0.3455,
0.5928

 163.5570, 0.3374,
0.4159

 3.1597, 0.3344,
0.6656

202.1491, 0.3361,
0.4096

 1.2157, 0.2402,
0.7598

246.3792, 0.3348,

 0.0744, 0.0000,

0.4042

1.0000

296.6317, 0.3337,
0.3995

■ 0.0000, 0.0000,
0.0000

■ 41.7128, 0.3465,
0.4697

■ 41.7128, 0.3465,
0.4697

■ 40.7089, 0.3499,
0.4970

■ 42.8564, 0.3415,
0.4409

■ 39.8319, 0.3513,
0.5213

■ 44.1408, 0.3352,
0.4118

■ 39.0755, 0.3505,
0.5413

■ 45.5737, 0.3283,
0.3835

■ 38.4305, 0.3474,
0.5562

■ 47.1610, 0.3209,
0.3566

■ 37.9337, 0.3432,
0.5657

■ 48.9079, 0.3135,
0.3316

■ 50.8195, 0.3062,
0.3087

■ 52.9005, 0.2992,
0.2879

■ 55.1555, 0.2926,
0.2692

■ 57.3685, 0.2886,
0.2557

Harmonies

Analogous

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



41.7128, 0.4139, 0.4520



41.7128, 0.3465, 0.4697



41.7128, 0.2739, 0.4345

Triad

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



41.7128, 0.3465, 0.4697



41.7128, 0.1841, 0.2329



41.7128, 0.4147, 0.2940

Complementary

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



41.7128, 0.3465, 0.4697



16.0943, 0.2582, 0.1852

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.



41.7128, 0.3397, 0.2490



41.7128, 0.3465, 0.4697



41.7128, 0.2110, 0.2139

Square

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



41.7128, 0.3465, 0.4697



41.7128, 0.1852, 0.2816



41.7128, 0.2649, 0.2206



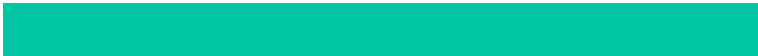
41.7128, 0.4595, 0.3482

Rectangle

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



41.7128, 0.3465, 0.4697



41.7128, 0.2325, 0.3854



41.7128, 0.2649, 0.2206



41.7128, 0.3915, 0.2776

Sweetspot

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



41.7146, 0.3465, 0.4697



84.2409, 0.3240, 0.3676



28.1752, 0.4223, 0.3885



18.4173, 0.3256, 0.3733



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



41.7146, 0.3465, 0.4697



73.6229, 0.3501, 0.4993



38.3492, 0.3084, 0.4878



10.2957, 0.3196, 0.3521



25.5628, 0.3441, 0.5650



0.9374, 0.3632, 0.5498

Inverse Universe

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



16.0943, 0.2582, 0.1852



22.1342, 0.2428, 0.1541



20.8799, 0.3128, 0.2059



8.9132, 0.3053, 0.3059



3.7034, 0.1948, 0.0847



0.1674, 0.2248, 0.1012

Previews

White Background



This preview shows how the Yxy color 41.7128, 0.3465, 0.4697 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 41.7128, 0.3465, 0.4697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

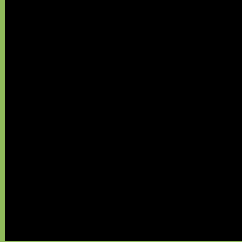
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.7128, 0.3465, 0.4697

Background



This preview shows how black text looks on a background with the Yxy color 41.7128, 0.3465, 0.4697.



This preview shows how white text looks on a background with the Yxy color 41.7128, 0.3465, 0.4697.

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

41.7128, 0.3465, 0.4697

Protanopia

41.5062, 0.4020, 0.4407

Deuteranopia

41.0971, 0.4203, 0.4116



Tritanopia

41.5022, 0.2866, 0.3096

Trichromacy



Original Color

41.7128, 0.3465, 0.4697

Protanomaly

41.4296, 0.3806, 0.4516

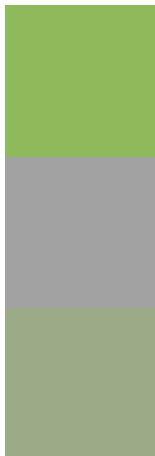
Deuteranomaly

40.7523, 0.3927, 0.4323

Tritanomaly

41.2155, 0.3101, 0.3670

Monochromacy



Original Color

41.7128, 0.3465, 0.4697

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

37.8720, 0.3276, 0.3814

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.7128, 0.3465, 0.4697 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(143, 186, 91)` looks like.

```
.text, #text, p{  
    color:rgb(143, 186, 91)  
}
```

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(143, 186, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 186, 91) }
```

Border

The CSS property to change the border of an element to Yxy 41.7128, 0.3465, 0.4697 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(143, 186, 91) }
```

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

```
.border{ border-color:rgb(143, 186, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 186, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 186, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 186, 91);  
box-shadow:4px 4px 4px 4px rgb(143, 186,  
91) }
```


Background

The CSS property to change the background color of an element to Yxy 41.7128, 0.3465, 0.4697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 186, 91) }
```

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

```
.background{ background-color: rgb(143,  
186, 91) }
```

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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