

Converting Colors

$Yxy(41.6775, 0.3183, 0.4149)$

Have a look what the booklet for
Yxy(41.6775, 0.3183, 0.4149)
contains.

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Color

Yxy(41.8319, 0.3184, 0.4154)

Conversions

Conversions Part 1

Format	Color
Hex	8CB980
RGB	140, 185, 128
RGB Percent	55%, 73%, 50%
CMY	0.4509, 0.2745, 0.4980
CMYK	0.24, 0.00, 0.31, 0.27
HSL	107°, 29%, 61%
HSV	107°, 31%, 73%
XYZ	32.0637, 41.8319, 26.8071
YIQ	165.0470, -8.5230, -27.2670

Conversions

Conversions Part 2

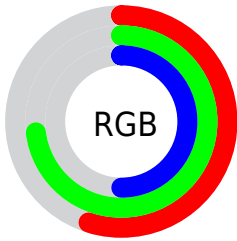
Format	Color
RYB	128, 185, 173
Decimal	9222528
CIELab	70.75, -25.88, 24.23
CIElCh	71, 35.448, 136.887
Yxy	41.8319, 0.3184, 0.4154
Android (android.graphics.Color)	4287412608 (0xFF8CB980)
YUV	165.0470, -18.2642, -21.9662
Hunter-Lab	64.6776, -24.6949, 20.7003

Details

The Yxy color **41.8319, 0.3184, 0.4154** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **27.8235, 0.3036, 0.2506**, and the grayscale version is **37.7461, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.8489, 0.3185, 0.3980**, and **19.1273, 0.3178, 0.4453** is the 20% darker color. If you saturate the color by 10%, you get **40.2047, 0.3194, 0.4481**, and if you desaturate by 10%, it is **43.7198, 0.3169, 0.3846**.

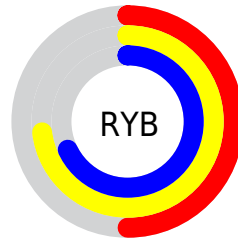
Distribution



Red (55%)

Green (73%)

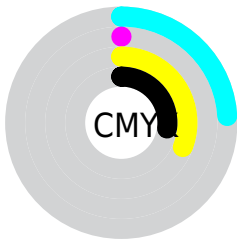
Blue (50%)



Red (50%)

Yellow (73%)

Blue (68%)

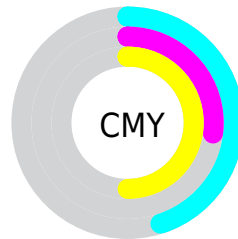


Cyan (24%)

Magenta (0%)

Yellow (31%)

Black (27%)



Cyan (45%)


Magenta (27%)


Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.8319, 0.3184, 0.4154 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 41.8319, 0.3184, 0.4154 by changing the saturation by 10% instead.

 41.8319, 0.3184,
0.4154

 41.8319, 0.3184,
0.4154


353.7856, 0.3166,
0.3695


 28.9697, 0.3184,
0.4277


 77.9451, 0.3181,
0.3981

 19.0579, 0.3181,
0.4440


 101.9650, 0.3178,
0.3918

 11.7121, 0.3171,
0.4665


 130.4728, 0.3176,
0.3865

 6.5480, 0.3144,
0.4995

163.8530, 0.3174,
0.3821

 3.1811, 0.3074,
0.5523

202.4900, 0.3172,
0.3783

 1.2270, 0.2895,
0.7105

246.7682, 0.3170,

 0.0836, 0.0000,

0.3750

1.0000

297.0719, 0.3168,
0.3721

■ 0.0000, 0.0000,
0.0000

■ 41.8319, 0.3184,
0.4154

■ 41.8319, 0.3184,
0.4154

■ 40.2047, 0.3194,
0.4481

■ 43.7198, 0.3169,
0.3846

■ 38.8213, 0.3196,
0.4815

■ 45.8736, 0.3150,
0.3563

■ 37.6713, 0.3190,
0.5139

■ 48.3052, 0.3129,
0.3309


■ 36.7413, 0.3172,
0.5431

■ 51.0241, 0.3107,
0.3084


■ 36.0164, 0.3145,
0.5670

■ 54.0395, 0.3085,
0.2886

 35.4797, 0.3109,
0.5840

 57.3599, 0.3064,
0.2712

 35.1292, 0.3075,
0.5940

 60.8315, 0.3061,
0.2583

 63.1774, 0.3159,
0.2604

Harmonies

Analogous

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



41.8319, 0.3677, 0.4206



41.8319, 0.3184, 0.4154



41.8319, 0.2699, 0.3798

Triad

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



41.8319, 0.3184, 0.4154



41.8319, 0.2271, 0.2551



41.8319, 0.3963, 0.3213

Complementary

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



41.8319, 0.3184, 0.4154



27.8235, 0.3036, 0.2506

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.



41.8319, 0.3526, 0.2847



41.8319, 0.3184, 0.4154



41.8319, 0.2552, 0.2474

Square

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



41.8319, 0.3184, 0.4154



41.8319, 0.2199, 0.2829



41.8319, 0.3002, 0.2584



41.8319, 0.4152, 0.3619

Rectangle

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



41.8319, 0.3184, 0.4154



41.8319, 0.2444, 0.3459



41.8319, 0.3002, 0.2584



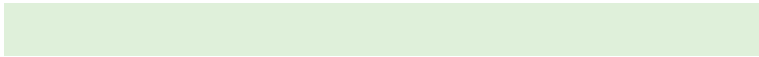
41.8319, 0.3838, 0.3083

Sweetspot

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



41.8337, 0.3184, 0.4154



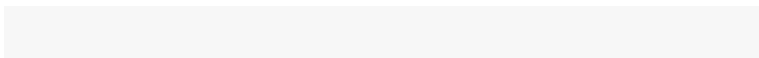
82.8491, 0.3146, 0.3519



41.6257, 0.3630, 0.3897



17.7311, 0.3149, 0.3558



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



41.8337, 0.3184, 0.4154



72.8932, 0.3191, 0.4375



41.3051, 0.2970, 0.3920



10.1490, 0.3147, 0.3524



23.9464, 0.3082, 0.5935



0.8711, 0.3262, 0.5792

Inverse Universe

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



27.8235, 0.3036, 0.2506



43.7811, 0.3009, 0.2328



28.6123, 0.3333, 0.2735



9.0646, 0.3105, 0.3062



6.5767, 0.2687, 0.1254



0.2562, 0.2829, 0.1332

Previews

White Background



This preview shows how the Yxy color 41.8319, 0.3184, 0.4154 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 41.8319, 0.3184, 0.4154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

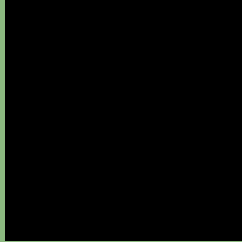
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.8319, 0.3184, 0.4154

Background



This preview shows how black text looks on a background with the Yxy color 41.8319, 0.3184, 0.4154.



This preview shows how white text looks on a background with the Yxy color 41.8319, 0.3184, 0.4154.

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

41.8319, 0.3184, 0.4154

Protanopia

41.3742, 0.3687, 0.3954

Deuteranopia

41.6349, 0.3799, 0.3728



Tritanopia

41.7852, 0.2806, 0.3094

Trichromacy



Original Color

41.8319, 0.3184, 0.4154

Protanomaly

41.3600, 0.3486, 0.4029

Deuteranomaly

41.2291, 0.3554, 0.3870

Tritanomaly

41.6727, 0.2944, 0.3464

Monochromacy



Original Color

41.8319, 0.3184, 0.4154

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

38.8400, 0.3149, 0.3584

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.8319, 0.3184, 0.4154 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(140, 185, 128)` looks like.

```
.text, #text, p{  
    color:rgb(140, 185, 128)  
}
```

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(140, 185, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 185, 128) }
```

Border

The CSS property to change the border of an element to Yxy 41.8319, 0.3184, 0.4154 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(140, 185, 128) }
```

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

```
.border{ border-color:rgb(140, 185, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 185, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 185, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 185, 128);  
box-shadow:4px 4px 4px 4px rgb(140, 185,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 41.8319, 0.3184, 0.4154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 185, 128) }
```

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

```
.background{ background-color: rgb(140,  
185, 128) }
```

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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