

Converting Colors

$Yxy(41.7159, 0.2938, 0.3727)$

Have a look what the booklet for
Yxy(41.7159, 0.2938, 0.3727)
contains.

Yxy(41.7159, 0.2938, 0.3727)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(41.7159, 0.2938, 0.3727)

Conversions

Conversions Part 1

Format	Color
Hex	86B89B
RGB	134, 184, 155
RGB Percent	53%, 72%, 61%
CMY	0.4746, 0.2784, 0.3922
CMYK	0.27, 0.00, 0.16, 0.28
HSL	145°, 26%, 62%
HSV	145°, 27%, 72%
XYZ	32.8847, 41.7159, 37.3283
YIQ	165.7440, -20.4910, -19.6190

Conversions

Conversions Part 2

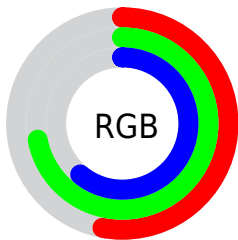
Format	Color
RYB	134, 169, 184
Decimal	8829083
CIELab	70.67, -22.59, 9.46
CIELCh	71, 24.488, 157.269
Yxy	41.7159, 0.2938, 0.3727
Android (android.graphics.Color)	4287019163 (0xFF86B89B)
YUV	165.7440, -5.2968, -27.8395
Hunter-Lab	64.5878, -22.1460, 10.9451

Details

The Yxy color **41.7159, 0.2938, 0.3727** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **29.8775, 0.3377, 0.2891**, and the grayscale version is **38.0347, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.6150, 0.2977, 0.3644**, and **19.0711, 0.2878, 0.3870** is the 20% darker color. If you saturate the color by 10%, you get **39.9925, 0.2876, 0.3920**, and if you desaturate by 10%, it is **43.7375, 0.3005, 0.3551**.

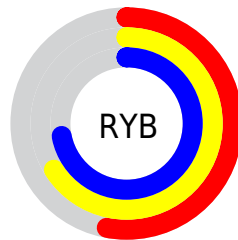
Distribution



Red (53%)

Green (72%)

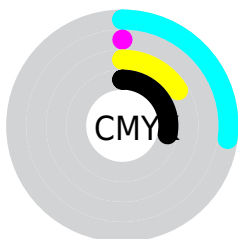
Blue (61%)



Red (53%)

Yellow (66%)

Blue (72%)

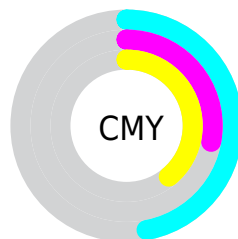


Cyan (27%)

Magenta (0%)

Yellow (16%)

Black (28%)



Cyan (47%)


Magenta (28%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.7159, 0.2938, 0.3727 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 41.7159, 0.2938, 0.3727 by changing the saturation by 10% instead.


 41.7159, 0.2938,
0.3727


 41.7159, 0.2938,
0.3727

353.3039, 0.3038,
0.3498


 28.8789, 0.2911,
0.3788


 77.7695, 0.2975,
0.3641

 18.9892, 0.2876,
0.3868


 101.7548, 0.2989,
0.3610

 11.6625, 0.2828,
0.3980


 130.2251, 0.3000,
0.3583

 6.5143, 0.2756,
0.4144

163.5647, 0.3010,
0.3561

 3.1603, 0.2639,
0.4409

202.1579, 0.3018,
0.3542

 1.2160, 0.2370,
0.5039

246.3893, 0.3026,

 0.0747, 0.0000,

0.3525

1.0000

296.6431, 0.3032,
0.3511

0.0000, 0.0000,
0.0000

41.7159, 0.2938,
0.3727

41.7159, 0.2938,
0.3727

39.9925, 0.2876,
0.3920

43.7375, 0.3005,
0.3551

38.5477, 0.2823,
0.4127

46.0655, 0.3076,
0.3393

37.3674, 0.2782,
0.4346

48.7143, 0.3147,
0.3252

36.4344, 0.2757,
0.4571

51.6956, 0.3218,
0.3128

35.7292, 0.2748,
0.4796


55.0209, 0.3287,
0.3018

 35.2292, 0.2759,
0.5011


 58.7007, 0.3354,
0.2922

 34.9024, 0.2787,
0.5211

 61.2401, 0.3355,
0.2829

 34.8256, 0.2796,
0.5265

 61.8569, 0.3271,
0.2728

 62.5110, 0.3189,
0.2630

Harmonies

Analogous

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



41.7159, 0.3291, 0.3910



41.7159, 0.2938, 0.3727



41.7159, 0.2647, 0.3407

Triad

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



41.7159, 0.2938, 0.3727



41.7159, 0.2644, 0.2714



41.7159, 0.3814, 0.3445

Complementary

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



41.7159, 0.2938, 0.3727



29.8775, 0.3377, 0.2891

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.



41.7159, 0.3621, 0.3154



41.7159, 0.2938, 0.3727



41.7159, 0.2934, 0.2747

Square

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



41.7159, 0.2938, 0.3727



41.7159, 0.2485, 0.2824



41.7159, 0.3293, 0.2905



41.7159, 0.3808, 0.3717

Rectangle

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



41.7159, 0.2938, 0.3727



41.7159, 0.2523, 0.3178



41.7159, 0.3293, 0.2905



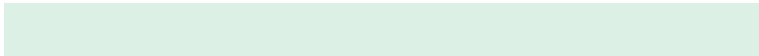
41.7159, 0.3770, 0.3347

Sweetspot

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



41.7176, 0.2938, 0.3727



83.0751, 0.3069, 0.3407



43.8090, 0.3342, 0.4002



17.7666, 0.3058, 0.3430



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.



41.7176, 0.2938, 0.3727



73.5670, 0.2898, 0.3848



42.6399, 0.2764, 0.3350



10.1211, 0.3061, 0.3426



24.0121, 0.2789, 0.5242



0.8589, 0.2643, 0.4714

Inverse Universe

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



29.8775, 0.3377, 0.2891



48.3012, 0.3454, 0.2794



29.0729, 0.3657, 0.3233



9.0972, 0.3200, 0.3158



7.7644, 0.4601, 0.2308



0.2858, 0.4151, 0.2061

Previews

White Background



This preview shows how the Yxy color 41.7159, 0.2938, 0.3727 looks on a white background.

Color Contrast Check

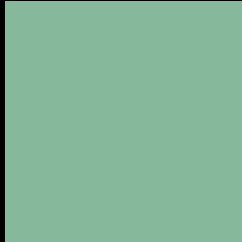
Large Text (above 18pt) WCAG AA × Fail

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 41.7159, 0.2938, 0.3727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

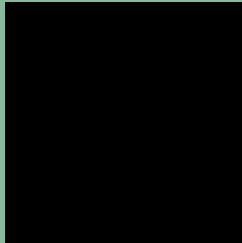
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.7159, 0.2938, 0.3727

Background



This preview shows how black text looks on a background with the Yxy color 41.7159, 0.2938, 0.3727.



This preview shows how white text looks on a background with the Yxy color 41.7159, 0.2938, 0.3727.

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

41.7159, 0.2938, 0.3727

Protanopia

41.4987, 0.3408, 0.3605

Deuteranopia

41.2450, 0.3456, 0.3383



Tritanopia

41.7532, 0.2720, 0.3091

Trichromacy



Original Color

41.7159, 0.2938, 0.3727

Protanomaly

41.1775, 0.3226, 0.3647

Deuteranomaly

41.1264, 0.3244, 0.3499

Tritanomaly

41.7057, 0.2796, 0.3318

Monochromacy



Original Color

41.7159, 0.2938, 0.3727

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

39.3658, 0.3049, 0.3450

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.7159, 0.2938, 0.3727 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(134, 184, 155)` looks like.

```
.text, #text, p{  
    color:rgb(134, 184, 155)  
}
```

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(134, 184, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 184, 155) }
```

Border

The CSS property to change the border of an element to Yxy 41.7159, 0.2938, 0.3727 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(134, 184, 155) }
```

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

```
.border{ border-color:rgb(134, 184, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 184, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 184, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 184, 155);  
box-shadow:4px 4px 4px 4px rgb(134, 184,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 41.7159, 0.2938, 0.3727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 184, 155) }
```

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

```
.background{ background-color: rgb(134,  
184, 155) }
```

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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