

Converting Colors

$Yxy(41.4723, 0.2919, 0.3912)$

Have a look what the booklet for
Yxy(41.4723, 0.2919, 0.3912)
contains.

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Color

Yxy(41.4041, 0.2920, 0.3911)

Conversions

Conversions Part 1

Format	Color
Hex	7BBA92
RGB	123, 186, 146
RGB Percent	48%, 73%, 57%
CMY	0.5177, 0.2706, 0.4275
CMYK	0.34, 0.00, 0.22, 0.27
HSL	142°, 31%, 61%
HSV	142°, 34%, 73%
XYZ	30.9128, 41.4041, 33.5489
YIQ	162.6030, -24.7080, -25.7960

Conversions

Conversions Part 2

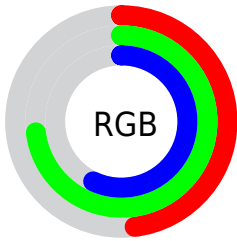
Format	Color
RYB	123, 169, 186
Decimal	8108690
CIELab	70.46, -28.81, 13.98
CIElCh	70, 32.027, 154.114
Yxy	41.4041, 0.2920, 0.3911
Android (android.graphics.Color)	4286298770 (0xFF7BBA92)
YUV	162.6030, -8.1853, -34.7318
Hunter-Lab	64.3460, -26.8514, 14.1295

Details

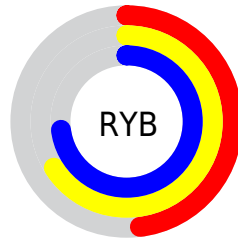
The Yxy color **41.4041, 0.2920, 0.3911** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **27.2474, 0.3418, 0.2743**, and the grayscale version is **36.4758, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.0215, 0.2961, 0.3782**, and **18.6683, 0.2849, 0.4118** is the 20% darker color. If you saturate the color by 10%, you get **39.8132, 0.2869, 0.4135**, and if you desaturate by 10%, it is **43.2970, 0.2977, 0.3705**.

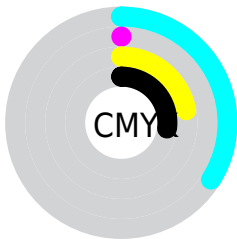
Distribution



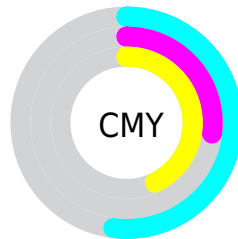
- Red (48%)
- Green (73%)
- Blue (57%)



- Red (48%)
- Yellow (66%)
- Blue (73%)



- Cyan (34%)
- Magenta (0%)
- Yellow (22%)
- Black (27%)





- Cyan (52%)
- Magenta (27%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.4041, 0.2920, 0.3911 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 41.4041, 0.2920, 0.3911 by changing the saturation by 10% instead.


 41.4041, 0.2920,
0.3911


 41.4041, 0.2920,
0.3911


352.0067, 0.3032,
0.3582


 28.6350, 0.2889,
0.4000


 77.2970, 0.2963,
0.3787

 18.8049, 0.2848,
0.4118


 101.1895, 0.2978,
0.3741

 11.5294, 0.2789,
0.4283


 129.5586, 0.2991,
0.3704

 6.4241, 0.2700,
0.4527

162.7887, 0.3002,
0.3672

 3.1046, 0.2551,
0.4927

201.2641, 0.3011,
0.3644

 1.1866, 0.2127,
0.6357

245.3694, 0.3019,

 0.0507, 0.0000,

0.3621

1.0000

295.4888, 0.3026,
0.3600

0.0000, 0.0000,
0.0000

41.4041, 0.2920,
0.3911

41.4041, 0.2920,
0.3911

39.8132, 0.2869,
0.4135

43.2970, 0.2977,
0.3705

38.5033, 0.2829,
0.4372

45.5016, 0.3039,
0.3517

37.4585, 0.2802,
0.4617

48.0332, 0.3102,
0.3350


36.6594, 0.2791,
0.4861


50.9049, 0.3166,
0.3201


36.0836, 0.2798,
0.5095


54.1287, 0.3228,
0.3071


 35.7043, 0.2822,
0.5309

 57.7164, 0.3288,
0.2956

 35.5369, 0.2841,
0.5428

 61.6788, 0.3346,
0.2857

 62.7015, 0.3268,
0.2747

 63.4286, 0.3179,
0.2638

Harmonies

Analogous

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



41.4041, 0.3380, 0.4124



41.4041, 0.2920, 0.3911



41.4041, 0.2534, 0.3489

Triad

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



41.4041, 0.2920, 0.3911



41.4041, 0.2471, 0.2553



41.4041, 0.4016, 0.3438

Complementary

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



41.4041, 0.2920, 0.3911



27.2474, 0.3418, 0.2743

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.



41.4041, 0.3736, 0.3072



41.4041, 0.2920, 0.3911



41.4041, 0.2826, 0.2581

Square

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



41.4041, 0.2920, 0.3911



41.4041, 0.2292, 0.2704



41.4041, 0.3289, 0.2768



41.4041, 0.4031, 0.3798

Rectangle

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



41.4041, 0.2920, 0.3911



41.4041, 0.2365, 0.3179



41.4041, 0.3289, 0.2768



41.4041, 0.3949, 0.3313

Sweetspot

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



41.4058, 0.2920, 0.3911



84.1010, 0.3063, 0.3453



44.4380, 0.3429, 0.4182



18.3815, 0.3054, 0.3477



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.



41.4058, 0.2920, 0.3911



72.7479, 0.2880, 0.4084



42.4876, 0.2713, 0.3429



10.1128, 0.3068, 0.3439



23.9192, 0.2835, 0.5404



0.8553, 0.2682, 0.4854

Inverse Universe

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



27.2474, 0.3418, 0.2743



43.0013, 0.3509, 0.2617



26.2806, 0.3789, 0.3158



9.1056, 0.3192, 0.3146



7.9200, 0.4379, 0.2186



0.2907, 0.4005, 0.1980

Previews

White Background



This preview shows how the Yxy color 41.4041, 0.2920, 0.3911 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 41.4041, 0.2920, 0.3911 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 41.4041, 0.2920, 0.3911

Background



This preview shows how black text looks on a background with the Yxy color 41.4041, 0.2920, 0.3911.



This preview shows how white text looks on a background with the Yxy color 41.4041, 0.2920, 0.3911.

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

41.4041, 0.2920, 0.3911

Protanopia

40.9350, 0.3509, 0.3730

Deuteranopia

40.8480, 0.3563, 0.3488



Tritanopia

41.5241, 0.2658, 0.3089

Trichromacy



Original Color

41.4041, 0.2920, 0.3911

Protanomaly

40.5807, 0.3273, 0.3783

Deuteranomaly

40.4921, 0.3293, 0.3630

Tritanomaly

41.2973, 0.2746, 0.3363

Monochromacy



Original Color

41.4041, 0.2920, 0.3911

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

37.8560, 0.3037, 0.3499

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.4041, 0.2920, 0.3911 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(123, 186, 146)` looks like.

```
.text, #text, p{  
    color:rgb(123, 186, 146)  
}
```

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(123, 186, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 186, 146) }
```

Border

The CSS property to change the border of an element to Yxy 41.4041, 0.2920, 0.3911 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(123, 186, 146) }
```

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

```
.border{ border-color:rgb(123, 186, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 186, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 186, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 186, 146);  
box-shadow:4px 4px 4px 4px rgb(123, 186,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 41.4041, 0.2920, 0.3911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 186, 146) }
```

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

```
.background{ background-color: rgb(123,  
186, 146) }
```

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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