

Converting Colors

$Yxy(41.6383, 0.2903, 0.3679)$

Have a look what the booklet for
Yxy(41.6383, 0.2903, 0.3679)
contains.

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Color

Yxy(41.6551, 0.2901, 0.3682)

Conversions

Conversions Part 1

Format	Color
Hex	84B89E
RGB	132, 184, 158
RGB Percent	52%, 72%, 62%
CMY	0.4826, 0.2784, 0.3804
CMYK	0.28, 0.00, 0.14, 0.28
HSL	150°, 27%, 62%
HSV	150°, 28%, 72%
XYZ	32.8195, 41.6551, 38.6571
YIQ	165.4880, -22.6460, -19.1100

Conversions

Conversions Part 2

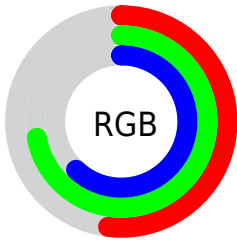
Format	Color
RYB	132, 167, 184
Decimal	8698014
CIELab	70.63, -22.64, 7.75
CIELCh	71, 23.925, 161.105
Yxy	41.6551, 0.2901, 0.3682
Android (android.graphics.Color)	4286888094 (0xFF84B89E)
YUV	165.4880, -3.6916, -29.3690
Hunter-Lab	64.5408, -22.1776, 9.6664

Details

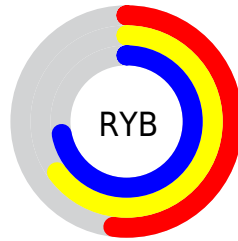
The Yxy color $41.6551, 0.2901, 0.3682$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $29.1435, 0.3436, 0.2930$, and the grayscale version is $37.8940, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.5634, 0.2942, 0.3598$, and $19.0435, 0.2830, 0.3805$ is the 20% darker color. If you saturate the color by 10%, you get $39.9979, 0.2831, 0.3848$, and if you desaturate by 10%, it is $43.6010, 0.2978, 0.3530$.

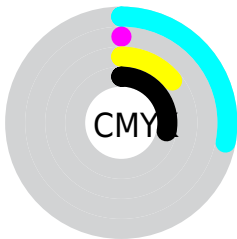
Distribution



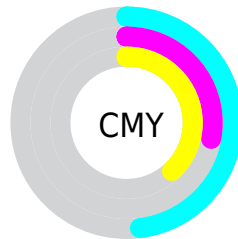
- Red (52%)
- Green (72%)
- Blue (62%)



- Red (52%)
- Yellow (65%)
- Blue (72%)



- Cyan (28%)
- Magenta (0%)
- Yellow (14%)
- Black (28%)





- Cyan (48%)
- Magenta (28%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.6551, 0.2901, 0.3682 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 41.6551, 0.2901, 0.3682 by changing the saturation by 10% instead.


 41.6551, 0.2901,
0.3682


 41.6551, 0.2901,
0.3682


353.0512, 0.3019,
0.3477


 28.8313, 0.2870,
0.3736


 77.6774, 0.2945,
0.3605

 18.9533, 0.2829,
0.3808


 101.6446, 0.2961,
0.3577

 11.6365, 0.2773,
0.3907


 130.0952, 0.2975,
0.3554

 6.4967, 0.2692,
0.4053

163.4135, 0.2986,
0.3534

 3.1494, 0.2561,
0.4287

201.9838, 0.2996,
0.3517

 1.2102, 0.2250,
0.4809

246.1906, 0.3005,

 0.0700, 0.0000,

0.3502

1.0000

296.4183, 0.3012,
0.3489

0.0000, 0.0000,
0.0000

41.6551, 0.2901,
0.3682

41.6551, 0.2901,
0.3682

39.9979, 0.2831,
0.3848

43.6010, 0.2978,
0.3530

38.6101, 0.2772,
0.4026

45.8438, 0.3059,
0.3393

37.4777, 0.2725,
0.4214


48.3975, 0.3141,
0.3270


36.5836, 0.2696,
0.4408


51.2738, 0.3224,
0.3161


35.9084, 0.2684,
0.4603

54.4837, 0.3306,
0.3065

 35.4295, 0.2693,
0.4793


 58.0379, 0.3385,
0.2980

 35.1102, 0.2719,
0.4975

 60.8406, 0.3414,
0.2900

 35.0625, 0.2724,
0.5005

 61.3481, 0.3340,
0.2811

 61.8829, 0.3268,
0.2724

Harmonies

Analogous

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



41.6551, 0.3243, 0.3883



41.6551, 0.2901, 0.3682



41.6551, 0.2629, 0.3361

Triad

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



41.6551, 0.2901, 0.3682



41.6551, 0.2685, 0.2722



41.6551, 0.3809, 0.3479

Complementary

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



41.6551, 0.2901, 0.3682



29.1435, 0.3436, 0.2930

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.



41.6551, 0.3643, 0.3192



41.6551, 0.2901, 0.3682



41.6551, 0.2981, 0.2771

Square

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



41.6551, 0.2901, 0.3682



41.6551, 0.2510, 0.2813



41.6551, 0.3334, 0.2940



41.6551, 0.3778, 0.3737

Rectangle

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



41.6551, 0.2901, 0.3682



41.6551, 0.2520, 0.3140



41.6551, 0.3334, 0.2940



41.6551, 0.3774, 0.3383

Sweetspot

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



41.6568, 0.2901, 0.3682



83.1612, 0.3060, 0.3391



43.2188, 0.3311, 0.4043



17.7884, 0.3048, 0.3410



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.



41.6568, 0.2901, 0.3682



73.5563, 0.2856, 0.3784



42.6497, 0.2722, 0.3289



10.1331, 0.3050, 0.3406



24.1741, 0.2718, 0.4984



0.8647, 0.2586, 0.4508

Inverse Universe

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



29.1435, 0.3436, 0.2930



47.1150, 0.3528, 0.2847



28.3407, 0.3737, 0.3292



9.0850, 0.3212, 0.3176



7.5689, 0.4934, 0.2491



0.2793, 0.4375, 0.2184

Previews

White Background



This preview shows how the Yxy color 41.6551, 0.2901, 0.3682 looks on a white background.

Color Contrast Check

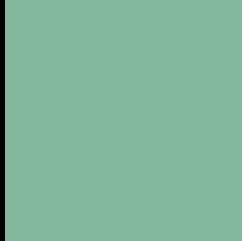
Large Text (above 18pt) WCAG AA × Fail

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 41.6551, 0.2901, 0.3682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

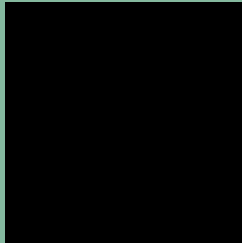
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.6551, 0.2901, 0.3682

Background



This preview shows how black text looks on a background with the Yxy color 41.6551, 0.2901, 0.3682.



This preview shows how white text looks on a background with the Yxy color 41.6551, 0.2901, 0.3682.

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

41.6551, 0.2901, 0.3682

Protanopia

41.4753, 0.3372, 0.3564

Deuteranopia

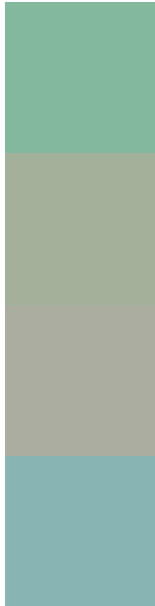
41.2185, 0.3419, 0.3343



Tritanopia

41.5794, 0.2705, 0.3091

Trichromacy



Original Color

41.6551, 0.2901, 0.3682

Protanomaly

41.1703, 0.3192, 0.3604

Deuteranomaly

41.1183, 0.3209, 0.3457

Tritanomaly

41.5773, 0.2774, 0.3304

Monochromacy



Original Color

41.6551, 0.2901, 0.3682

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

38.8860, 0.3041, 0.3436

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.6551, 0.2901, 0.3682 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(132, 184, 158)` looks like.

```
.text, #text, p{  
    color:rgb(132, 184, 158)  
}
```

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(132, 184, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 184, 158) }
```

Border

The CSS property to change the border of an element to Yxy 41.6551, 0.2901, 0.3682 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(132, 184, 158) }
```

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

```
.border{ border-color:rgb(132, 184, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 184, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 184, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 184, 158);  
box-shadow:4px 4px 4px 4px rgb(132, 184,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 41.6551, 0.2901, 0.3682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 184, 158) }
```

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

```
.background{ background-color: rgb(132,  
184, 158) }
```

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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