

Converting Colors

$Yxy(41.4200, 0.2774, 0.3907)$

Have a look what the booklet for
Yxy(41.4200, 0.2774, 0.3907)
contains.

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Color

Yxy(41.6005, 0.2774, 0.3908)

Conversions

Conversions Part 1

Format	Color
Hex	69BD96
RGB	105, 189, 150
RGB Percent	41%, 74%, 59%
CMY	0.5881, 0.2588, 0.4118
CMYK	0.44, 0.00, 0.21, 0.26
HSL	152°, 39%, 58%
HSV	152°, 44%, 74%
XYZ	29.5291, 41.6005, 35.3200
YIQ	159.4380, -37.5450, -29.9370

Conversions

Conversions Part 2

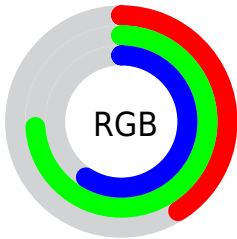
Format	Color
RYB	105, 160, 189
Decimal	6929814
CIELab	70.59, -34.61, 11.88
CIELCh	71, 36.593, 161.054
Yxy	41.6005, 0.2774, 0.3908
Android (android.graphics.Color)	4285119894 (0xFF69BD96)
YUV	159.4380, -4.6529, -47.7421
Hunter-Lab	64.4984, -31.1502, 12.6811

Details

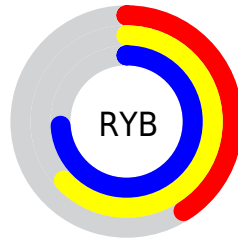
The Yxy color **41.6005, 0.2774, 0.3908** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **22.9420, 0.3735, 0.2757**, and the grayscale version is **34.9193, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.7448, 0.2844, 0.3790**, and **18.9069, 0.2662, 0.4115** is the 20% darker color. If you saturate the color by 10%, you get **40.3094, 0.2719, 0.4079**, and if you desaturate by 10%, it is **43.1705, 0.2842, 0.3747**.

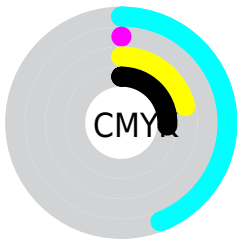
Distribution



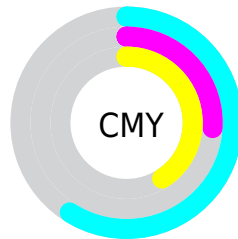
- Red (41%)
- Green (74%)
- Blue (59%)



- Red (41%)
- Yellow (63%)
- Blue (74%)



- Cyan (44%)
- Magenta (0%)
- Yellow (21%)
- Black (26%)





- Cyan (59%)
- Magenta (26%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.6005, 0.2774, 0.3908 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 41.6005, 0.2774, 0.3908 by changing the saturation by 10% instead.


 41.6005, 0.2774,
0.3908

 41.6005, 0.2774,
0.3908


352.8242, 0.2960,
0.3581

 28.7886, 0.2725,
0.3996


 77.5946, 0.2844,
0.3784

 18.9210, 0.2659,
0.4113


 101.5457, 0.2869,
0.3739

 11.6132, 0.2569,
0.4277


 129.9785, 0.2891,
0.3702

 6.4809, 0.2436,
0.4520

 163.2776, 0.2909,
0.3670

 3.1396, 0.2222,
0.4916

201.8273, 0.2924,
0.3643

 1.2051, 0.1405,
0.6272

246.0121, 0.2938,


 0.0658, 0.0000,


0.3619


1.0000


296.2162, 0.2949,
0.3599

 0.0000, 0.0000,
0.0000


 41.6005, 0.2774,
0.3908


 41.6005, 0.2774,
0.3908


 40.3094, 0.2719,
0.4079

 43.1705, 0.2842,
0.3747


 39.2747, 0.2680,
0.4257


 45.0303, 0.2918,
0.3598


 38.4784, 0.2659,
0.4439


 47.1962, 0.3001,
0.3463

 37.8979, 0.2657,
0.4619


 49.6819, 0.3088,
0.3340

 37.5061, 0.2676,
0.4794


 52.5002, 0.3176,
0.3231

 37.3392, 0.2691,
0.4889

 55.6633, 0.3264,
0.3134

 59.1826, 0.3350,
0.3048

 62.8358, 0.3424,
0.2972

 63.3141, 0.3354,
0.2886

Harmonies

Analogous

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



41.6005, 0.3287, 0.4223



41.6005, 0.2774, 0.3908



41.6005, 0.2377, 0.3388

Triad

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



41.6005, 0.2774, 0.3908



41.6005, 0.2461, 0.2449



41.6005, 0.4174, 0.3546

Complementary

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



41.6005, 0.2774, 0.3908



22.9420, 0.3735, 0.2757

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.



41.6005, 0.3919, 0.3130



41.6005, 0.2774, 0.3908



41.6005, 0.2896, 0.2527

Square

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



41.6005, 0.2774, 0.3908



41.6005, 0.2213, 0.2566



41.6005, 0.3435, 0.2770



41.6005, 0.4115, 0.3941

Rectangle

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



41.6005, 0.2774, 0.3908



41.6005, 0.2223, 0.3043



41.6005, 0.3435, 0.2770



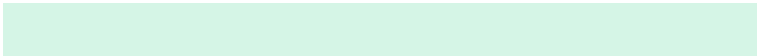
41.6005, 0.4123, 0.3405

Sweetspot

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



41.6022, 0.2774, 0.3908



85.0404, 0.3012, 0.3447



43.3650, 0.3374, 0.4532



18.0892, 0.2993, 0.3475



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.



41.6022, 0.2774, 0.3908



72.3149, 0.2722, 0.4069



41.8822, 0.2528, 0.3246



10.7327, 0.3045, 0.3399



25.1381, 0.2685, 0.4867



0.9978, 0.2570, 0.4452

Inverse Universe

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



22.9420, 0.3735, 0.2757



34.7592, 0.3931, 0.2654



22.5274, 0.4272, 0.3332



9.6082, 0.3217, 0.3184



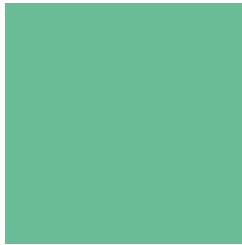
7.7664, 0.5082, 0.2574



0.3174, 0.4520, 0.2264

Previews

White Background



This preview shows how the Yxy color 41.6005, 0.2774, 0.3908 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 41.6005, 0.2774, 0.3908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

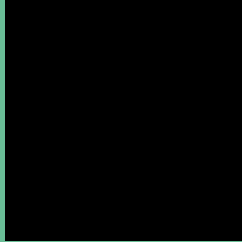
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.6005, 0.2774, 0.3908

Background



This preview shows how black text looks on a background with the Yxy color 41.6005, 0.2774, 0.3908.

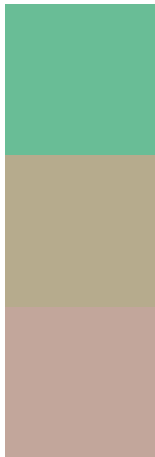


This preview shows how white text looks on a background with the Yxy color 41.6005, 0.2774, 0.3908.

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

41.6005, 0.2774, 0.3908

Protanopia

40.9940, 0.3492, 0.3702

Deuteranopia

41.1083, 0.3494, 0.3436



Tritanopia

41.6801, 0.2543, 0.3085

Trichromacy



Original Color

41.6005, 0.2774, 0.3908

Protanomaly

40.7244, 0.3191, 0.3790

Deuteranomaly

40.2534, 0.3193, 0.3592

Tritanomaly

41.5039, 0.2626, 0.3364

Monochromacy



Original Color

41.6005, 0.2774, 0.3908

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

36.6387, 0.2967, 0.3504

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.6005, 0.2774, 0.3908 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(105, 189, 150)` looks like.

```
.text, #text, p{  
    color:rgb(105, 189, 150)  
}
```

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(105, 189, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 189, 150) }
```

Border

The CSS property to change the border of an element to Yxy 41.6005, 0.2774, 0.3908 is called "border". The border property can be set on classes, ids or directly on the HTML element.

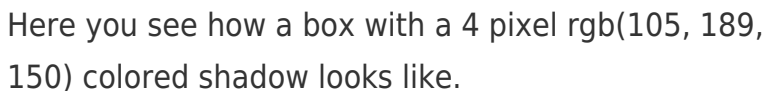
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(105, 189, 150) }
```

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

```
.border{ border-color:rgb(105, 189, 150) }
```

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



Here you see how a box with a 4 pixel `rgb(105, 189, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 189, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 189, 150);  
box-shadow:4px 4px 4px 4px rgb(105, 189,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 41.6005, 0.2774, 0.3908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 189, 150) }
```

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

```
.background{ background-color: rgb(105,  
189, 150) }
```

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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