

Converting Colors

$Yxy(42.0913, 0.2463, 0.3067)$

Have a look what the booklet for
Yxy(42.0913, 0.2463, 0.3067)
contains.

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Color

Yxy(41.9182, 0.2457, 0.3055)

Conversions

Conversions Part 1

Format	Color
Hex	69B9C9
RGB	105, 185, 201
RGB Percent	41%, 73%, 79%
CMY	0.5885, 0.2745, 0.2117
CMYK	0.48, 0.08, 0.00, 0.21
HSL	190°, 47%, 60%
HSV	190°, 48%, 79%
XYZ	33.7129, 41.9182, 61.5806
YIQ	162.9040, -52.8160, -11.9840

Conversions

Conversions Part 2

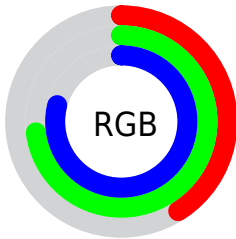
Format	Color
RYB	105, 149, 201
Decimal	6928841
CIELab	70.81, -20.27, -15.72
CIElCh	71, 25.646, 217.793
Yxy	41.9182, 0.2457, 0.3055
Android (android.graphics.Color)	4285118921 (0xFF69B9C9)
YUV	162.9040, 18.7813, -50.7818
Hunter-Lab	64.7443, -20.3559, -11.0719

Details

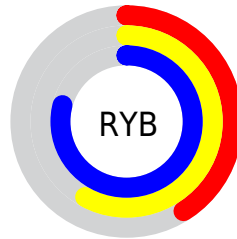
The Yxy color **41.9182, 0.2457, 0.3055** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **27.0994, 0.4325, 0.3502**, and the grayscale version is **36.5013, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.8120, 0.2592, 0.3132**, and **19.1900, 0.2275, 0.2981** is the 20% darker color. If you saturate the color by 10%, you get **39.4592, 0.2350, 0.2997**, and if you desaturate by 10%, it is **44.7010, 0.2579, 0.3110**.

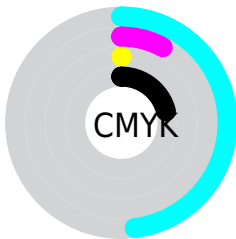
Distribution



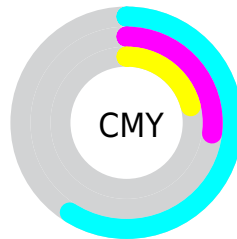
- Red (41%)
- Green (73%)
- Blue (79%)



- Red (41%)
- Yellow (58%)
- Blue (79%)



- Cyan (48%)
- Magenta (8%)
- Yellow (0%)
- Black (21%)





- Cyan (59%)
- Magenta (27%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.9182, 0.2457, 0.3055 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 41.9182, 0.2457, 0.3055 by changing the saturation by 10% instead.


 41.9182, 0.2457,
0.3055


 41.9182, 0.2457,
0.3055

354.1437, 0.2789,
0.3182

 29.0372, 0.2375,
0.3021


 78.0758, 0.2577,
0.3103


 19.1090, 0.2272,
0.2975


 102.1213, 0.2622,
0.3121

 11.7491, 0.2135,
0.2911


 130.6570, 0.2661,
0.3135

 6.5730, 0.1950,
0.2818

 164.0674, 0.2694,
0.3148

 3.1966, 0.1684,
0.2670

202.7369, 0.2722,
0.3158

 1.2352, 0.1258,
0.2415

247.0498, 0.2748,

 0.0902, 0.0000,

0.3167

0.0690

297.3907, 0.2770,
0.3175

0.0000, 0.0000,
0.0000

41.9182, 0.2457,
0.3055

41.9182, 0.2457,
0.3055

39.4592, 0.2350,
0.2997

44.7010, 0.2579,
0.3110

37.2985, 0.2260,
0.2938

47.8215, 0.2714,
0.3163

35.4139, 0.2189,
0.2878


51.2987, 0.2858,
0.3212

33.7780, 0.2138,
0.2819

55.1484, 0.3008,
0.3257


32.3509, 0.2103,
0.2760


59.3858, 0.3161,
0.3299

 32.0498, 0.2096,
0.2747

 64.0248, 0.3315,
0.3336

 69.0788, 0.3468,
0.3369

 72.4638, 0.3534,
0.3402

 74.1533, 0.3527,
0.3436

Harmonies

Analogous

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



41.9182, 0.2621, 0.3406



41.9182, 0.2457, 0.3055



41.9182, 0.2459, 0.2800

Triad

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



41.9182, 0.2457, 0.3055



41.9182, 0.3306, 0.2892



41.9182, 0.3628, 0.3926

Complementary

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



41.9182, 0.2457, 0.3055



27.0994, 0.4325, 0.3502

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.



41.9182, 0.3837, 0.3739



41.9182, 0.2457, 0.3055



41.9182, 0.3649, 0.3152

Square

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



41.9182, 0.2457, 0.3055



41.9182, 0.2931, 0.2726



41.9182, 0.3847, 0.3455



41.9182, 0.3291, 0.3938

Rectangle

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



41.9182, 0.2457, 0.3055



41.9182, 0.2554, 0.2708



41.9182, 0.3847, 0.3455



41.9182, 0.3716, 0.3879

Sweetspot

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



41.9198, 0.2457, 0.3055



90.1109, 0.2911, 0.3229



46.1200, 0.2974, 0.4564



18.9864, 0.2879, 0.3219



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



41.9198, 0.2457, 0.3055



67.5459, 0.2350, 0.2997



25.5573, 0.2322, 0.2325



11.7552, 0.2984, 0.3251



20.2640, 0.2099, 0.2755



1.0417, 0.2133, 0.2878

Inverse Universe

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



26.0138, 0.3358, 0.2305



38.0940, 0.3421, 0.2130



41.2182, 0.4016, 0.4084



10.7851, 0.3163, 0.3100



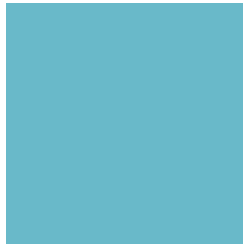
9.5857, 0.3676, 0.1799



0.4622, 0.3563, 0.1736

Previews

White Background



This preview shows how the Yxy color 41.9182, 0.2457, 0.3055 looks on a white background.

Color Contrast Check

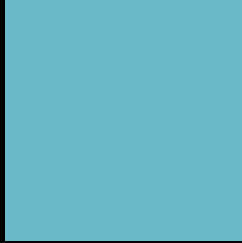
Large Text (above 18pt) WCAG AA × Fail

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 41.9182, 0.2457, 0.3055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

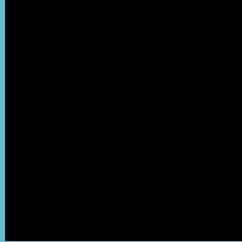
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.9182, 0.2457, 0.3055

Background



This preview shows how black text looks on a background with the Yxy color 41.9182, 0.2457, 0.3055.



This preview shows how white text looks on a background with the Yxy color 41.9182, 0.2457, 0.3055.

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

41.9182, 0.2457, 0.3055

Protanopia

41.4776, 0.2949, 0.3009

Deuteranopia

41.2973, 0.2873, 0.2808



Tritanopia

41.8713, 0.2463, 0.3069

Trichromacy



Original Color

41.9182, 0.2457, 0.3055

Protanomaly

41.1018, 0.2739, 0.3024

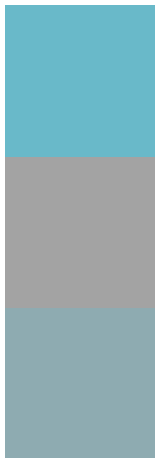
Deuteranomaly

40.9276, 0.2690, 0.2878

Tritanomaly

41.8713, 0.2463, 0.3069

Monochromacy



Original Color

41.9182, 0.2457, 0.3055

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

38.0509, 0.2831, 0.3201

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.9182, 0.2457, 0.3055 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, 185, 201)` looks like.

```
.text, #text, p{  
    color:rgb(105, 185, 201)  
}
```

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, 185, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 185, 201) }
```

Border

The CSS property to change the border of an element to Yxy 41.9182, 0.2457, 0.3055 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, 185, 201) }
```

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

```
.border{ border-color:rgb(105, 185, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 185, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 185, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 185, 201);  
box-shadow:4px 4px 4px 4px rgb(105, 185,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 41.9182, 0.2457, 0.3055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 185, 201) }
```

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

```
.background{ background-color: rgb(105,  
185, 201) }
```

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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