

Converting Colors

$Yxy(41.6164, 0.2719, 0.3289)$

Have a look what the booklet for
Yxy(41.6164, 0.2719, 0.3289)
contains.

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Color

Yxy(41.5791, 0.2719, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	82B6B6
RGB	130, 182, 182
RGB Percent	51%, 71%, 71%
CMY	0.4903, 0.2862, 0.2863
CMYK	0.29, 0.00, 0.00, 0.29
HSL	180°, 26%, 61%
HSV	180°, 29%, 71%
XYZ	34.3732, 41.5791, 50.4663
YIQ	166.4520, -30.9920, -11.0240

Conversions

Conversions Part 2

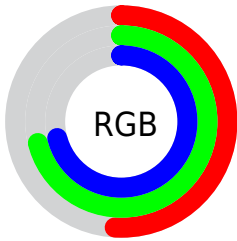
Format	Color
RYB	130, 156, 182
Decimal	8566454
CIELab	70.58, -16.96, -5.50
CIElCh	71, 17.829, 197.978
Yxy	41.5791, 0.2719, 0.3289
Android (android.graphics.Color)	4286756534 (0xFF82B6B6)
YUV	166.4520, 7.6652, -31.9684
Hunter-Lab	64.4819, -17.6906, -1.2657

Details

The Yxy color **41.5791, 0.2719, 0.3289** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **27.5152, 0.3745, 0.3292**, and the grayscale version is **38.3346, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.5125, 0.2791, 0.3289**, and **18.9052, 0.2601, 0.3288** is the 20% darker color. If you saturate the color by 10%, you get **40.2667, 0.2599, 0.3289**, and if you desaturate by 10%, it is **43.1494, 0.2852, 0.3289**.

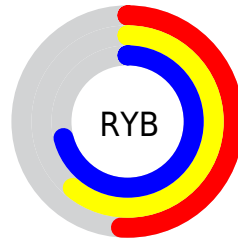
Distribution



Red (51%)

Green (71%)

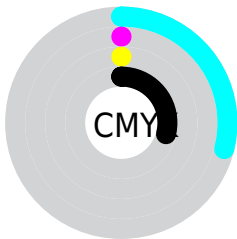
Blue (71%)



Red (51%)

Yellow (61%)

Blue (71%)

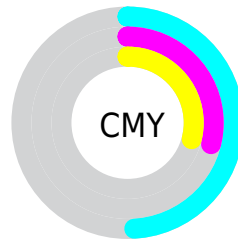


Cyan (29%)

Magenta (0%)

Yellow (0%)

Black (29%)



Cyan (49%)


Magenta (29%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.5791, 0.2719, 0.3289 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 41.5791, 0.2719, 0.3289 by changing the saturation by 10% instead.


 41.5791, 0.2719,
0.3289

 41.5791, 0.2719,
0.3289


352.7352, 0.2925,
0.3292


 28.7719, 0.2667,
0.3287

 77.5622, 0.2794,
0.3291

 18.9083, 0.2600,
0.3284


 101.5069, 0.2822,
0.3291

 11.6040, 0.2511,
0.3279


 129.9328, 0.2846,
0.3292

 6.4747, 0.2385,
0.3270

163.2244, 0.2866,
0.3292

 3.1358, 0.2197,
0.3252

201.7660, 0.2884,
0.3292

 1.2030, 0.1868,
0.3214

245.9421, 0.2899,

 0.0642, 0.0000,

0.3292

0.1237

296.1370, 0.2913,
0.3292

0.0000, 0.0000,
0.0000

41.5791, 0.2719,
0.3289

41.5791, 0.2719,
0.3289

40.2667, 0.2599,
0.3289

43.1494, 0.2852,
0.3289

39.1938, 0.2496,
0.3289

44.9851, 0.2997,
0.3290

38.3473, 0.2410,
0.3288

47.0993, 0.3149,
0.3290

37.7111, 0.2343,
0.3288

49.5031, 0.3306,
0.3290

37.2668, 0.2295,
0.3288

52.2068, 0.3466,
0.3291

■ 36.9928, 0.2264,
0.3288

■ 55.2201, 0.3626,
0.3291

■ 36.8522, 0.2249,
0.3288

■ 58.0988, 0.3763,
0.3292

■ 36.8356, 0.2247,
0.3288

■ 58.0990, 0.3763,
0.3292

■ 58.0992, 0.3763,
0.3292

Harmonies

Analogous

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



41.5791, 0.2906, 0.3530



41.5791, 0.2719, 0.3289



41.5791, 0.2639, 0.3061

Triad

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



41.5791, 0.2719, 0.3289



41.5791, 0.3080, 0.2918



41.5791, 0.3588, 0.3664

Complementary

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



41.5791, 0.2719, 0.3289



27.5152, 0.3745, 0.3292

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.



41.5791, 0.3642, 0.3486



41.5791, 0.2719, 0.3289



41.5791, 0.3341, 0.3065

Square

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



41.5791, 0.2719, 0.3289



41.5791, 0.2840, 0.2860



41.5791, 0.3550, 0.3269



41.5791, 0.3408, 0.3749

Rectangle

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



41.5791, 0.2719, 0.3289



41.5791, 0.2654, 0.2948



41.5791, 0.3550, 0.3269



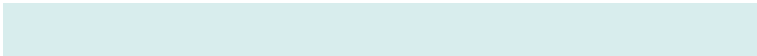
41.5791, 0.3621, 0.3612

Sweetspot

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



41.5808, 0.2719, 0.3289



81.3476, 0.2988, 0.3290



39.8834, 0.3096, 0.4103



17.8544, 0.2967, 0.3290



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.



41.5808, 0.2719, 0.3289



73.8969, 0.2646, 0.3289



32.1872, 0.2679, 0.2906



10.2106, 0.2986, 0.3290



26.0097, 0.2247, 0.3288



0.9169, 0.2247, 0.3288

Inverse Universe

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



27.5152, 0.3745, 0.3292



44.4006, 0.3930, 0.3292



35.0410, 0.3648, 0.3645



9.0123, 0.3288, 0.3290



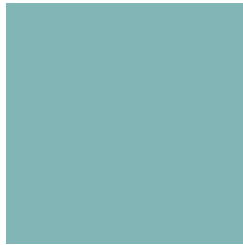
7.0232, 0.6400, 0.3299



0.2476, 0.6399, 0.3299

Previews

White Background



This preview shows how the Yxy color 41.5791, 0.2719, 0.3289 looks on a white background.

Color Contrast Check

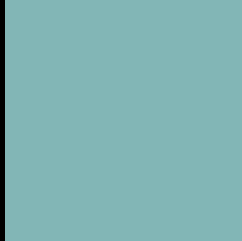
Large Text (above 18pt) WCAG AA × Fail

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 41.5791, 0.2719, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

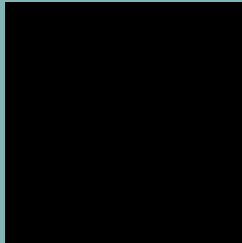
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.5791, 0.2719, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 41.5791, 0.2719, 0.3289.

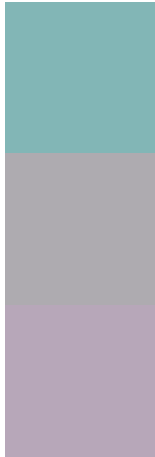


This preview shows how white text looks on a background with the Yxy color 41.5791, 0.2719, 0.3289.

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

41.5791, 0.2719, 0.3289

Protanopia

41.2591, 0.3112, 0.3222

Deuteranopia

41.2075, 0.3120, 0.3054



Tritanopia

41.5692, 0.2652, 0.3075

Trichromacy



Original Color

41.5791, 0.2719, 0.3289

Protanomaly

41.1434, 0.2957, 0.3247

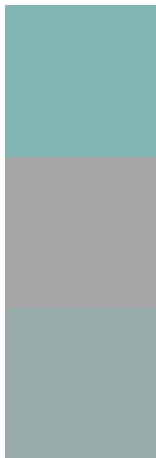
Deuteranomaly

40.8583, 0.2961, 0.3125

Tritanomaly

41.6710, 0.2679, 0.3159

Monochromacy



Original Color

41.5791, 0.2719, 0.3289

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

39.2559, 0.2961, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5791, 0.2719, 0.3289 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(130, 182, 182)` looks like.

```
.text, #text, p{  
    color:rgb(130, 182, 182)  
}
```

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(130, 182, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 182, 182) }
```

Border

The CSS property to change the border of an element to Yxy 41.5791, 0.2719, 0.3289 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(130, 182, 182) }
```

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

```
.border{ border-color:rgb(130, 182, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 182, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 182, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 182, 182);  
box-shadow:4px 4px 4px 4px rgb(130, 182,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5791, 0.2719, 0.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 182, 182) }
```

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

```
.background{ background-color: rgb(130,  
182, 182) }
```

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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