

Converting Colors

$Yxy(41.6057, 0.2627, 0.3397)$

Have a look what the booklet for
Yxy(41.6057, 0.2627, 0.3397)
contains.

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Color

Yxy(41.7117, 0.2628, 0.3410)

Conversions

Conversions Part 1

Format	Color
Hex	6FBAB2
RGB	111, 186, 178
RGB Percent	44%, 73%, 70%
CMY	0.5648, 0.2706, 0.3020
CMYK	0.40, 0.00, 0.04, 0.27
HSL	174°, 35%, 58%
HSV	174°, 40%, 73%
XYZ	32.1461, 41.7117, 48.4639
YIQ	162.6630, -42.1320, -18.3880

Conversions

Conversions Part 2

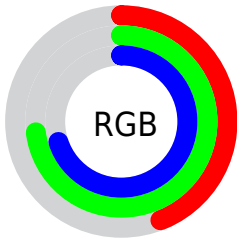
Format	Color
RYB	111, 151, 186
Decimal	7322290
CIELab	70.67, -25.22, -3.27
CIELCh	71, 25.432, 187.387
Yxy	41.7117, 0.2628, 0.3410
Android (android.graphics.Color)	4285512370 (0xFF6FBAB2)
YUV	162.6630, 7.5611, -45.3085
Hunter-Lab	64.5846, -24.1770, 0.7184

Details

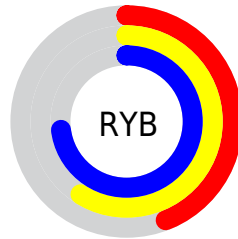
The Yxy color **41.7117, 0.2628, 0.3410** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **23.1366, 0.4021, 0.3179**, and the grayscale version is **36.4352, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.5518, 0.2717, 0.3381**, and **19.0965, 0.2486, 0.3461** is the 20% darker color. If you saturate the color by 10%, you get **40.5506, 0.2535, 0.3445**, and if you desaturate by 10%, it is **43.1284, 0.2736, 0.3377**.

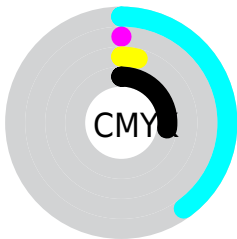
Distribution



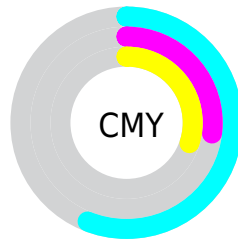
- Red (44%)
- Green (73%)
- Blue (70%)



- Red (44%)
- Yellow (59%)
- Blue (73%)



- Cyan (40%)
- Magenta (0%)
- Yellow (4%)
- Black (27%)





- Cyan (56%)
- Magenta (27%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.7117, 0.2628, 0.3410 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 41.7117, 0.2628, 0.3410 by changing the saturation by 10% instead.

 41.7117, 0.2628,
0.3410

 41.7117, 0.2628,
0.3410

353.2864, 0.2880,
0.3352


 28.8756, 0.2565,
0.3424


 77.7631, 0.2720,
0.3389

 18.9867, 0.2483,
0.3441


 101.7472, 0.2754,
0.3381

 11.6607, 0.2374,
0.3463


 130.2161, 0.2783,
0.3375

 6.5131, 0.2221,
0.3493

163.5542, 0.2808,
0.3369

 3.1595, 0.1993,
0.3532

202.1459, 0.2830,
0.3364

 1.2156, 0.1514,
0.3629

246.3756, 0.2848,

 0.0744, 0.0000,

0.3359

0.1937

296.6276, 0.2865,
0.3355

0.0000, 0.0000,
0.0000

41.7117, 0.2628,
0.3410

41.7117, 0.2628,
0.3410

40.5506, 0.2535,
0.3445

43.1284, 0.2736,
0.3377

39.6246, 0.2460,
0.3481

44.8103, 0.2856,
0.3346

38.9177, 0.2403,
0.3517


46.7721, 0.2986,
0.3317


38.4101, 0.2365,
0.3554

49.0264, 0.3122,
0.3291

38.0781, 0.2346,
0.3590

51.5848, 0.3263,
0.3267

 37.8786, 0.2340,
0.3626

 54.4582, 0.3406,
0.3246

 57.6572, 0.3549,
0.3227

 60.2727, 0.3649,
0.3209

 60.3627, 0.3632,
0.3189

Harmonies

Analogous

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



41.7117, 0.2929, 0.3744



41.7117, 0.2628, 0.3410



41.7117, 0.2462, 0.3061

Triad

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



41.7117, 0.2628, 0.3410



41.7117, 0.2927, 0.2728



41.7117, 0.3834, 0.3733

Complementary

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



41.7117, 0.2628, 0.3410



23.1366, 0.4021, 0.3179

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.



41.7117, 0.3841, 0.3450



41.7117, 0.2628, 0.3410



41.7117, 0.3300, 0.2892

Square

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



41.7117, 0.2628, 0.3410



41.7117, 0.2627, 0.2692



41.7117, 0.3642, 0.3149



41.7117, 0.3629, 0.3920

Rectangle

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



41.7117, 0.2628, 0.3410



41.7117, 0.2444, 0.2876



41.7117, 0.3642, 0.3149



41.7117, 0.3860, 0.3645

Sweetspot

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



41.7134, 0.2628, 0.3410



84.0664, 0.2961, 0.3322



40.2430, 0.3137, 0.4487



18.4066, 0.2944, 0.3326



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.



41.7134, 0.2628, 0.3410



73.7886, 0.2549, 0.3439



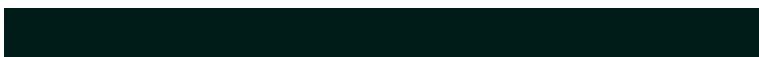
31.1215, 0.2509, 0.2838



10.1936, 0.2999, 0.3314



25.4873, 0.2339, 0.3621



0.9033, 0.2313, 0.3527

Inverse Universe

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



23.1366, 0.4021, 0.3179



35.6826, 0.4317, 0.3158



30.2679, 0.3964, 0.3696



9.0274, 0.3271, 0.3266



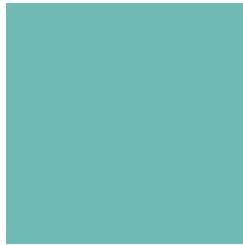
7.0625, 0.6254, 0.3219



0.2542, 0.5776, 0.2955

Previews

White Background



This preview shows how the Yxy color 41.7117, 0.2628, 0.3410 looks on a white background.

Color Contrast Check

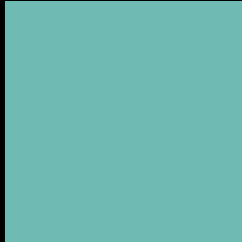
Large Text (above 18pt) WCAG AA × Fail

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 41.7117, 0.2628, 0.3410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

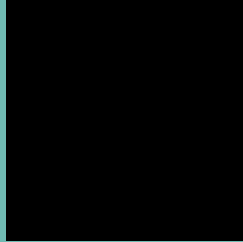
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

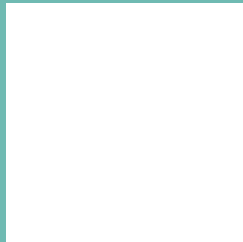
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.7117, 0.2628, 0.3410

Background



This preview shows how black text looks on a background with the Yxy color 41.7117, 0.2628, 0.3410.



This preview shows how white text looks on a background with the Yxy color 41.7117, 0.2628, 0.3410.

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

41.7117, 0.2628, 0.3410

Protanopia

41.2205, 0.3189, 0.3317

Deuteranopia

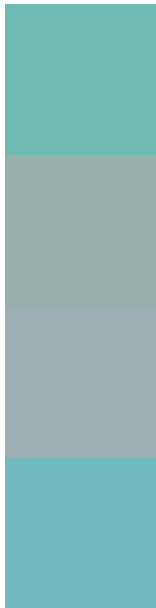
41.2052, 0.3155, 0.3093



Tritanopia

41.6572, 0.2531, 0.3071

Trichromacy



Original Color

41.7117, 0.2628, 0.3410

Protanomaly

40.7046, 0.2954, 0.3347

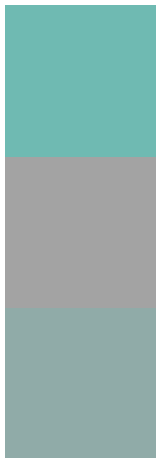
Deuteranomaly

40.7764, 0.2926, 0.3191

Tritanomaly

41.6200, 0.2563, 0.3185

Monochromacy



Original Color

41.7117, 0.2628, 0.3410

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

37.8823, 0.2916, 0.3334

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.7117, 0.2628, 0.3410 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(111, 186, 178)` looks like.

```
.text, #text, p{  
    color:rgb(111, 186, 178)  
}
```

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(111, 186, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 186, 178) }
```

Border

The CSS property to change the border of an element to Yxy 41.7117, 0.2628, 0.3410 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(111, 186, 178) }
```

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

```
.border{ border-color:rgb(111, 186, 178) }
```

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

Here you see how a box with a 4 pixel rgb(111, 186, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 186, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 186, 178);  
box-shadow:4px 4px 4px 4px rgb(111, 186,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 41.7117, 0.2628, 0.3410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 186, 178) }
```

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

```
.background{ background-color: rgb(111,  
186, 178) }
```

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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