

Converting Colors

$Yxy(43.6745, 0.2679, 0.3498)$

Have a look what the booklet for
Yxy(43.6745, 0.2679, 0.3498)
contains.

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Color

Yxy(43.6745, 0.2679, 0.3498)

Conversions

Conversions Part 1

Format	Color
Hex	74BEB0
RGB	116, 190, 176
RGB Percent	45%, 75%, 69%
CMY	0.5452, 0.2549, 0.3099
CMYK	0.39, 0.00, 0.07, 0.25
HSL	169°, 36%, 60%
HSV	169°, 39%, 75%
XYZ	33.4488, 43.6745, 47.7323
YIQ	166.2780, -39.6100, -20.0420

Conversions

Conversions Part 2

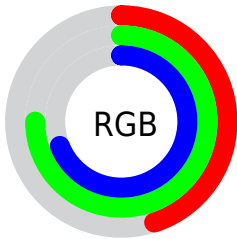
Format	Color
RYB	116, 157, 190
Decimal	7650992
CIELab	72.01, -26.35, -0.19
CIELCh	72, 26.348, 180.412
Yxy	43.6745, 0.2679, 0.3498
Android (android.graphics.Color)	4285841072 (0xFF74BEB0)
YUV	166.2780, 4.7929, -44.0938
Hunter-Lab	66.0867, -25.3065, 3.4374

Details

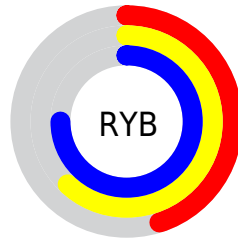
The Yxy color **43.6745, 0.2679, 0.3498** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **25.0464, 0.3897, 0.3098**, and the grayscale version is **38.2636, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.0057, 0.2759, 0.3459**, and **20.0877, 0.2545, 0.3543** is the 20% darker color. If you saturate the color by 10%, you get **42.3642, 0.2591, 0.3561**, and if you desaturate by 10%, it is **45.2583, 0.2781, 0.3438**.

Distribution



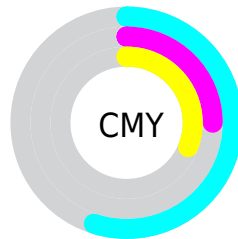
- Red (45%)
- Green (75%)
- Blue (69%)



- Red (45%)
- Yellow (62%)
- Blue (75%)



- Cyan (39%)
- Magenta (0%)
- Yellow (7%)
- Black (25%)




- Cyan (55%)
- Magenta (25%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.6745, 0.2679, 0.3498 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 43.6745, 0.2679, 0.3498 by changing the saturation by 10% instead.


 43.6745, 0.2679,
0.3498


 43.6745, 0.2679,
0.3498

361.3783, 0.2905,
0.3394


 30.4147, 0.2622,
0.3524


 80.7277, 0.2761,
0.3460

 20.1536, 0.2549,
0.3558


 105.2899, 0.2792,
0.3446

 12.5067, 0.2452,
0.3603


 134.3884, 0.2818,
0.3434

 7.0898, 0.2316,
0.3666

168.4075, 0.2840,
0.3423

 3.5183, 0.2112,
0.3759

207.7317, 0.2860,
0.3414

 1.4079, 0.1734,
0.3933

252.7453, 0.2876,

 0.2226, 0.0000,

0.3407


0.4655


303.8327, 0.2891,
0.3400


 0.0000, 0.0000,
0.0000


 43.6745, 0.2679,
0.3498


 43.6745, 0.2679,
0.3498


 42.3642, 0.2591,
0.3561


 45.2583, 0.2781,
0.3438


 41.3059, 0.2520,
0.3627


 47.1254, 0.2893,
0.3383


 40.4831, 0.2466,
0.3694


 49.2915, 0.3014,
0.3332

 39.8752, 0.2432,
0.3763


 51.7695, 0.3140,
0.3285


 39.4579, 0.2417,
0.3831

 54.5715, 0.3270,
0.3244


 39.1893, 0.2418,
0.3899

 57.7092, 0.3400,
0.3206

 39.1641, 0.2418,
0.3906

 61.1935, 0.3529,
0.3173

 62.4879, 0.3549,
0.3139

 62.6635, 0.3519,
0.3102

Harmonies

Analogous

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



43.6745, 0.3009, 0.3816



43.6745, 0.2679, 0.3498



43.6745, 0.2474, 0.3133

Triad

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



43.6745, 0.2679, 0.3498



43.6745, 0.2842, 0.2696



43.6745, 0.3869, 0.3679

Complementary

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



43.6745, 0.2679, 0.3498



25.0464, 0.3897, 0.3098

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.



43.6745, 0.3826, 0.3381



43.6745, 0.2679, 0.3498



43.6745, 0.3213, 0.2835

Square

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



43.6745, 0.2679, 0.3498



43.6745, 0.2564, 0.2694



43.6745, 0.3580, 0.3079



43.6745, 0.3702, 0.3901

Rectangle

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



43.6745, 0.2679, 0.3498



43.6745, 0.2428, 0.2927



43.6745, 0.3580, 0.3079



43.6745, 0.3879, 0.3584

Sweetspot

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



43.6762, 0.2679, 0.3498



87.9845, 0.2974, 0.3348



42.8994, 0.3186, 0.4424



19.2049, 0.2958, 0.3355



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



43.6762, 0.2679, 0.3498



77.0228, 0.2601, 0.3553



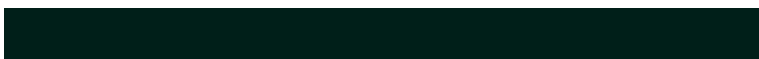
35.3613, 0.2543, 0.2953



10.7777, 0.3009, 0.3334



26.0503, 0.2416, 0.3897



1.0285, 0.2371, 0.3734

Inverse Universe

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



25.0464, 0.3897, 0.3098



38.4000, 0.4169, 0.3057



30.4400, 0.3962, 0.3599



9.5651, 0.3259, 0.3247



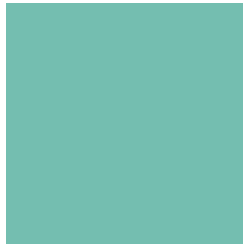
7.3727, 0.6077, 0.3122



0.2978, 0.5436, 0.2768

Previews

White Background



This preview shows how the Yxy color 43.6745, 0.2679, 0.3498 looks on a white background.

Color Contrast Check

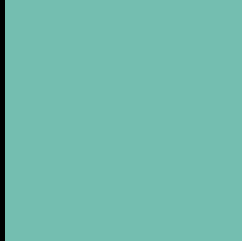
Large Text (above 18pt) WCAG AA × Fail

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 43.6745, 0.2679, 0.3498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

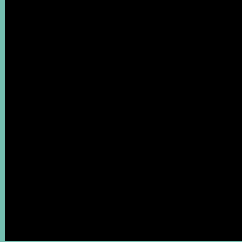
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

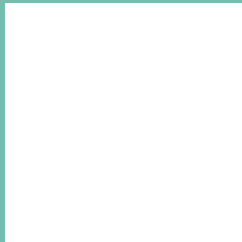
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.6745, 0.2679, 0.3498

Background



This preview shows how black text looks on a background with the Yxy color 43.6745, 0.2679, 0.3498.

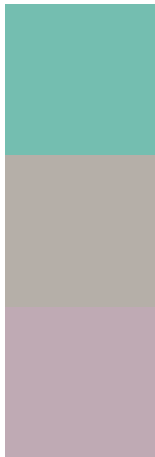


This preview shows how white text looks on a background with the Yxy color 43.6745, 0.2679, 0.3498.

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

43.6745, 0.2679, 0.3498

Protanopia

43.3109, 0.3239, 0.3384

Deuteranopia

43.1211, 0.3233, 0.3161



Tritanopia

43.4724, 0.2556, 0.3076

Trichromacy



Original Color

43.6745, 0.2679, 0.3498

Protanomaly

42.7509, 0.3003, 0.3417

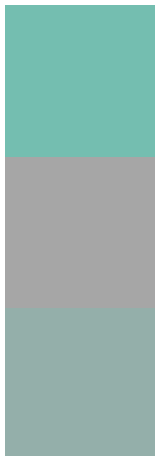
Deuteranomaly

42.5915, 0.3000, 0.3262

Tritanomaly

43.3395, 0.2600, 0.3216

Monochromacy



Original Color

43.6745, 0.2679, 0.3498

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

39.8581, 0.2935, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6745, 0.2679, 0.3498 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(116, 190, 176)` looks like.

```
.text, #text, p{  
    color:rgb(116, 190, 176)  
}
```

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(116, 190, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 190, 176) }
```

Border

The CSS property to change the border of an element to Yxy 43.6745, 0.2679, 0.3498 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(116, 190, 176) }
```

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

```
.border{ border-color:rgb(116, 190, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 190, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 190, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 190, 176);  
box-shadow:4px 4px 4px 4px rgb(116, 190,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6745, 0.2679, 0.3498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 190, 176) }
```

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

```
.background{ background-color: rgb(116,  
190, 176) }
```

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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