

Converting Colors

$Yxy(60.0435, 0.2789, 0.3671)$

Have a look what the booklet for
Yxy(60.0435, 0.2789, 0.3671)
contains.

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Color

Yxy(60.0435, 0.2789, 0.3671)

Conversions

Conversions Part 1

Format	Color
Hex	8DDBBE
RGB	141, 219, 190
RGB Percent	55%, 86%, 75%
CMY	0.4468, 0.1412, 0.2549
CMYK	0.36, 0.00, 0.13, 0.14
HSL	158°, 52%, 71%
HSV	158°, 36%, 86%
XYZ	45.6174, 60.0435, 57.9008
YIQ	192.3720, -37.1790, -25.5550

Conversions

Conversions Part 2

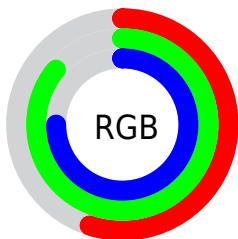
Format	Color
RYB	141, 189, 219
Decimal	9296830
CIELab	81.86, -30.35, 6.69
CIELCh	82, 31.076, 167.561
Yxy	60.0435, 0.2789, 0.3671
Android (android.graphics.Color)	4287486910 (0xFF8DDBBE)
YUV	192.3720, -1.1694, -45.0532
Hunter-Lab	77.4877, -30.5198, 9.9384

Details

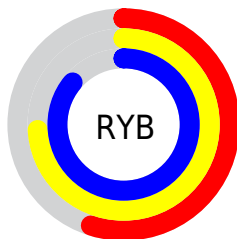
The Yxy color **60.0435, 0.2789, 0.3671** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **37.0302, 0.3657, 0.2943**, and the grayscale version is **52.9726, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.0441, 0.2835, 0.3384**, and **30.3833, 0.2699, 0.3775** is the 20% darker color. If you saturate the color by 10%, you get **57.9649, 0.2713, 0.3800**, and if you desaturate by 10%, it is **62.5265, 0.2876, 0.3551**.

Distribution



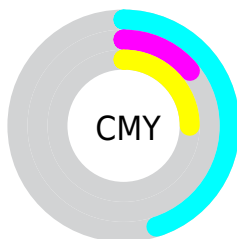
- Red (55%)
- Green (86%)
- Blue (75%)



- Red (55%)
- Yellow (74%)
- Blue (86%)



- Cyan (36%)
- Magenta (0%)
- Yellow (13%)
- Black (14%)




- Cyan (45%)
- Magenta (14%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.0435, 0.2789, 0.3671 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 60.0435, 0.2789, 0.3671 by changing the saturation by 10% instead.


 60.0435, 0.2789,
0.3671


 60.0435, 0.2789,
0.3671


424.7581, 0.2953,
0.3484

 43.4537, 0.2750,
0.3717


 104.8928, 0.2847,
0.3604

 30.2413, 0.2700,
0.3775


 133.9210, 0.2870,
0.3578

 20.0218, 0.2635,
0.3851

167.8642, 0.2889,
0.3557

 12.4109, 0.2548,
0.3956

207.1067, 0.2905,
0.3538

 7.0242, 0.2422,
0.4108

252.0330, 0.2919,
0.3522

 3.4772, 0.2229,
0.4348

303.0274, 0.2932,

 1.3857, 0.1777,

0.3508

0.4854

360.4743, 0.2943,
0.3495

0.2061, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

60.0435, 0.2789,
0.3671

60.0435, 0.2789,
0.3671

57.9649, 0.2713,
0.3800

62.5265, 0.2876,
0.3551

56.2606, 0.2652,
0.3937

65.4274, 0.2970,
0.3441

54.9079, 0.2607,
0.4079

68.7683, 0.3070,
0.3341

53.8783, 0.2582,
0.4223

72.5673, 0.3172,
0.3252

■ 53.1390, 0.2578,
0.4368

■ 76.8416, 0.3275,
0.3172

■ 52.6494, 0.2593,
0.4510

■ 78.1454, 0.3251,
0.3094

■ 52.4817, 0.2603,
0.4572

■ 78.6375, 0.3196,
0.3015

■ 79.1404, 0.3144,
0.2940

Harmonies

Analogous

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



60.0435, 0.3171, 0.3945



60.0435, 0.2789, 0.3671



60.0435, 0.2509, 0.3285

Triad

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



60.0435, 0.2789, 0.3671



60.0435, 0.2683, 0.2643



60.0435, 0.3924, 0.3569

Complementary

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



60.0435, 0.2789, 0.3671



37.0302, 0.3657, 0.2943

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.



60.0435, 0.3780, 0.3244



60.0435, 0.2789, 0.3671



60.0435, 0.3043, 0.2731

Square

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



60.0435, 0.2789, 0.3671



60.0435, 0.2452, 0.2707



60.0435, 0.3449, 0.2946



60.0435, 0.3837, 0.3850

Rectangle

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



60.0435, 0.2789, 0.3671



60.0435, 0.2411, 0.3038



60.0435, 0.3449, 0.2946



60.0435, 0.3901, 0.3462

Sweetspot

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



60.0459, 0.2789, 0.3671



94.4088, 0.3015, 0.3395



61.2356, 0.3288, 0.4290



20.0716, 0.3001, 0.3409



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.



60.0459, 0.2789, 0.3671



82.4374, 0.2729, 0.3771



56.8269, 0.2613, 0.3172



14.7431, 0.3031, 0.3378



31.1427, 0.2598, 0.4551



2.0340, 0.2534, 0.4321

Inverse Universe

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



37.0302, 0.3657, 0.2943



45.1690, 0.3827, 0.2867



38.8448, 0.3938, 0.3403



13.1312, 0.3234, 0.3203



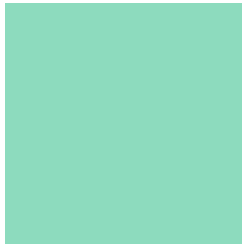
9.3058, 0.5480, 0.2792



0.6192, 0.5034, 0.2547

Previews

White Background



This preview shows how the Yxy color 60.0435, 0.2789, 0.3671 looks on a white background.

Color Contrast Check

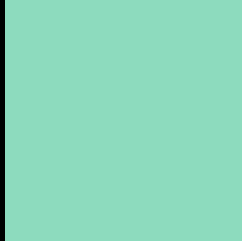
Large Text (above 18pt) WCAG AA × Fail

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 60.0435, 0.2789, 0.3671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

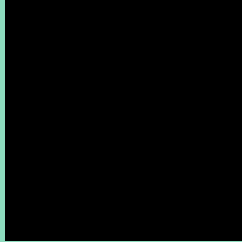
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

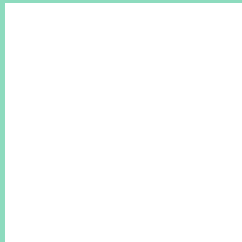
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.0435, 0.2789, 0.3671

Background



This preview shows how black text looks on a background with the Yxy color 60.0435, 0.2789, 0.3671.

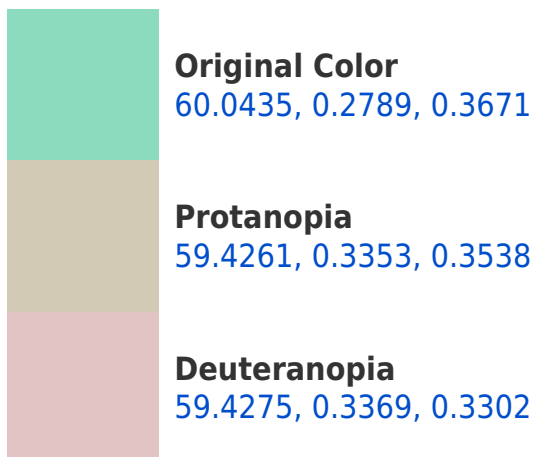


This preview shows how white text looks on a background with the Yxy color 60.0435, 0.2789, 0.3671.

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





Tritanopia

59.7857, 0.2609, 0.3079

Trichromacy



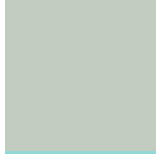
Original Color

60.0435, 0.2789, 0.3671



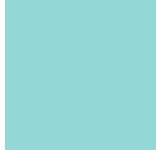
Protanomaly

59.0115, 0.3128, 0.3587



Deuteranomaly

58.5053, 0.3129, 0.3423



Tritanomaly

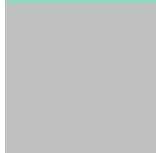
59.7102, 0.2677, 0.3289

Monochromacy



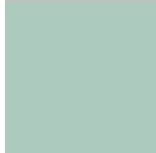
Original Color

60.0435, 0.2789, 0.3671



Achromatopsia

52.7115, 0.3127, 0.3290



Achromatomaly

54.8869, 0.2985, 0.3430

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.0435, 0.2789, 0.3671 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(141, 219, 190)` looks like.

```
.text, #text, p{  
    color:rgb(141, 219, 190)  
}
```

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(141, 219, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 219, 190) }
```

Border

The CSS property to change the border of an element to Yxy 60.0435, 0.2789, 0.3671 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(141, 219, 190) }
```

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

```
.border{ border-color:rgb(141, 219, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 219, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 219, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 219, 190);  
box-shadow:4px 4px 4px 4px rgb(141, 219,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 60.0435, 0.2789, 0.3671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 219, 190) }
```

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

```
.background{ background-color: rgb(141,  
219, 190) }
```

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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