

Converting Colors

$Yxy(60.6201, 0.2648, 0.3583)$

Have a look what the booklet for
Yxy(60.6201, 0.2648, 0.3583)
contains.

Yxy(60.6978, 0.2646, 0.3580)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.6978, 0.2646, 0.3580)

Conversions

Conversions Part 1

Format	Color
Hex	7CDEC8
RGB	124, 222, 200
RGB Percent	49%, 87%, 78%
CMY	0.5135, 0.1294, 0.2157
CMYK	0.44, 0.00, 0.10, 0.13
HSL	167°, 60%, 68%
HSV	167°, 44%, 87%
XYZ	44.8621, 60.6978, 63.9870
YIQ	190.1900, -51.3460, -27.6180

Conversions

Conversions Part 2

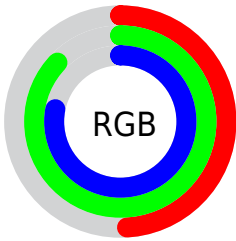
Format	Color
RYB	124, 179, 222
Decimal	8183496
CIELab	82.22, -34.05, 1.82
CIELCh	82, 34.094, 176.948
Yxy	60.6978, 0.2646, 0.3580
Android (android.graphics.Color)	4286373576 (0xFF7CDEC8)
YUV	190.1900, 4.8363, -58.0486
Hunter-Lab	77.9088, -33.5550, 5.8409

Details

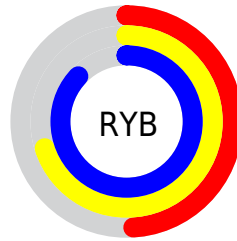
The Yxy color **60.6978, 0.2646, 0.3580** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **32.0333, 0.4023, 0.3030**, and the grayscale version is **51.6081, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.5638, 0.2706, 0.3289**, and **30.5060, 0.2522, 0.3651** is the 20% darker color. If you saturate the color by 10%, you get **58.9980, 0.2569, 0.3658**, and if you desaturate by 10%, it is **62.7823, 0.2738, 0.3506**.

Distribution



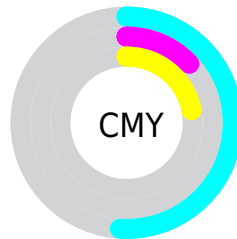
- Red (49%)
- Green (87%)
- Blue (78%)



- Red (49%)
- Yellow (70%)
- Blue (87%)



- Cyan (44%)
- Magenta (0%)
- Yellow (10%)
- Black (13%)





- Cyan (51%)
- Magenta (13%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.6978, 0.2646, 0.3580 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 60.6978, 0.2646, 0.3580 by changing the saturation by 10% instead.


 60.6978, 0.2646,
0.3580

 60.6978, 0.2646,
0.3580

427.1651, 0.2876,
0.3441


 43.9813, 0.2592,
0.3613

 105.8413, 0.2727,
0.3531

 30.6558, 0.2524,
0.3655


 135.0370, 0.2758,
0.3512

 20.3369, 0.2437,
0.3709


 169.1613, 0.2785,
0.3496

 12.6402, 0.2321,
0.3781

208.5986, 0.2808,
0.3482

 7.1812, 0.2158,
0.3884

253.7332, 0.2828,
0.3469

 3.5757, 0.1917,
0.4039

304.9496, 0.2846,

 1.4392, 0.1380,

0.3459

0.4372

362.6321, 0.2861,
0.3449

0.2453, 0.0000,
0.6363

0.0000, 0.0000,
0.0000

60.6978, 0.2646,
0.3580

60.6978, 0.2646,
0.3580

58.9980, 0.2569,
0.3658

62.7823, 0.2738,
0.3506

57.6505, 0.2510,
0.3740


65.2674, 0.2842,
0.3436

56.6289, 0.2470,
0.3823


68.1765, 0.2956,
0.3371


55.9005, 0.2450,
0.3906


71.5294, 0.3076,
0.3313

 55.4250, 0.2449,
0.3989

 75.3444, 0.3200,
0.3260

 55.2251, 0.2455,
0.4037

 79.2108, 0.3310,
0.3212

 79.4949, 0.3276,
0.3162

 79.7872, 0.3242,
0.3114

 80.0876, 0.3209,
0.3066

Harmonies

Analogous

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



60.6978, 0.3036, 0.3939



60.6978, 0.2646, 0.3580



60.6978, 0.2394, 0.3150

Triad

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



60.6978, 0.2646, 0.3580



60.6978, 0.2753, 0.2601



60.6978, 0.3995, 0.3695

Complementary

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



60.6978, 0.2646, 0.3580



32.0333, 0.4023, 0.3030

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.



60.6978, 0.3917, 0.3347



60.6978, 0.2646, 0.3580



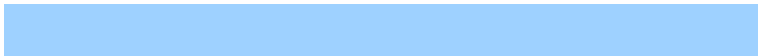
60.6978, 0.3172, 0.2744

Square

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



60.6978, 0.2646, 0.3580



60.6978, 0.2453, 0.2615



60.6978, 0.3607, 0.3009



60.6978, 0.3823, 0.3971

Rectangle

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



60.6978, 0.2646, 0.3580



60.6978, 0.2328, 0.2902



60.6978, 0.3607, 0.3009



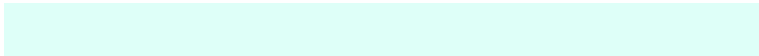
60.6978, 0.3998, 0.3582

Sweetspot

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



60.7002, 0.2646, 0.3580



93.7754, 0.2968, 0.3365



59.8925, 0.3211, 0.4603



19.8682, 0.2942, 0.3379



0.0000, 0.0000, 0.0000



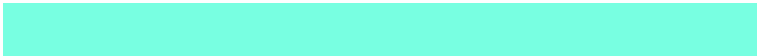
21.4041, 0.3127, 0.3290

Same Dimension

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



60.7002, 0.2646, 0.3580



80.9185, 0.2574, 0.3653



48.9873, 0.2474, 0.2941



15.5169, 0.3012, 0.3343



32.8204, 0.2451, 0.4025



2.2880, 0.2416, 0.3898

Inverse Universe

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



32.0333, 0.4023, 0.3030



36.8659, 0.4326, 0.2983



38.8517, 0.4147, 0.3605



13.7507, 0.3257, 0.3238



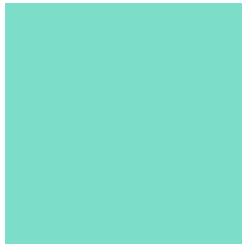
9.3743, 0.5998, 0.3078



0.6633, 0.5565, 0.2839

Previews

White Background



This preview shows how the Yxy color 60.6978, 0.2646, 0.3580 looks on a white background.

Color Contrast Check

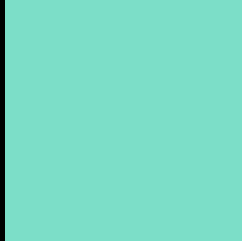
Large Text (above 18pt) WCAG AA × Fail

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 60.6978, 0.2646, 0.3580 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

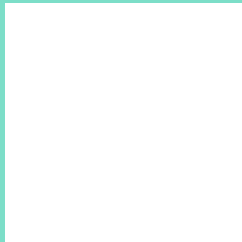
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.6978, 0.2646, 0.3580

Background



This preview shows how black text looks on a background with the Yxy color 60.6978, 0.2646, 0.3580.

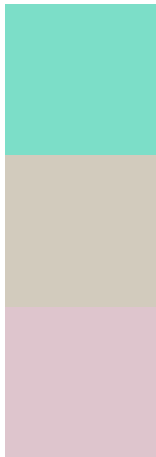


This preview shows how white text looks on a background with the Yxy color 60.6978, 0.2646, 0.3580.

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

60.6978, 0.2646, 0.3580

Protanopia

60.0876, 0.3284, 0.3455

Deuteranopia

59.8699, 0.3267, 0.3200



Tritanopia

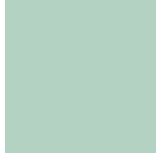
60.6346, 0.2512, 0.3077

Trichromacy



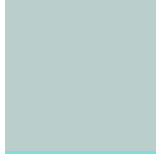
Original Color

60.6978, 0.2646, 0.3580



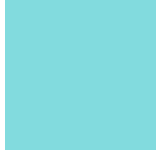
Protanomaly

59.5271, 0.3015, 0.3501



Deuteranomaly

58.8935, 0.2999, 0.3326



Tritanomaly

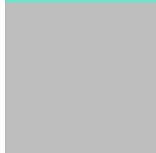
60.6828, 0.2556, 0.3250

Monochromacy



Original Color

60.6978, 0.2646, 0.3580



Achromatopsia

51.4918, 0.3127, 0.3290



Achromatomaly

54.2431, 0.2914, 0.3393

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.6978, 0.2646, 0.3580 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(124, 222, 200)` looks like.

```
.text, #text, p{  
    color:rgb(124, 222, 200)  
}
```

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(124, 222, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 222, 200) }
```

Border

The CSS property to change the border of an element to Yxy 60.6978, 0.2646, 0.3580 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(124, 222, 200) }
```

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

```
.border{ border-color:rgb(124, 222, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 222, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 222, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 222, 200);  
box-shadow:4px 4px 4px 4px rgb(124, 222,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 60.6978, 0.2646, 0.3580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 222, 200) }
```

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

```
.background{ background-color: rgb(124,  
222, 200) }
```

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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