

Converting Colors

$Yxy(59.8207, 0.2781, 0.3894)$

Have a look what the booklet for
Yxy(59.8207, 0.2781, 0.3894)
contains.

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Color

Yxy(59.8525, 0.2781, 0.3901)

Conversions

Conversions Part 1

Format	Color
Hex	7EDEB1
RGB	126, 222, 177
RGB Percent	49%, 87%, 69%
CMY	0.5057, 0.1294, 0.3058
CMYK	0.43, 0.00, 0.20, 0.13
HSL	152°, 59%, 68%
HSV	152°, 43%, 87%
XYZ	42.6685, 59.8525, 50.9076
YIQ	188.1660, -42.7710, -34.3470

Conversions

Conversions Part 2

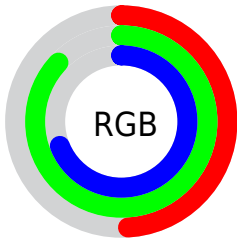
Format	Color
RYB	126, 189, 222
Decimal	8314545
CIELab	81.76, -38.52, 13.32
CIElCh	82, 40.760, 160.926
Yxy	59.8525, 0.2781, 0.3901
Android (android.graphics.Color)	4286504625 (0xFF7EDEB1)
YUV	188.1660, -5.5048, -54.5196
Hunter-Lab	77.3644, -36.9403, 15.1408

Details

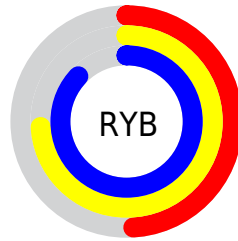
The Yxy color **59.8525, 0.2781, 0.3901** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **33.4064, 0.3715, 0.2761**, and the grayscale version is **50.4477, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.4705, 0.2825, 0.3531**, and **30.0298, 0.2688, 0.4077** is the 20% darker color. If you saturate the color by 10%, you get **57.9501, 0.2725, 0.4075**, and if you desaturate by 10%, it is **62.1659, 0.2850, 0.3738**.

Distribution



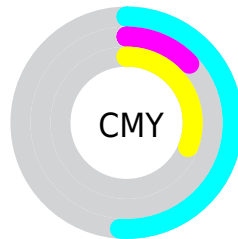
- Red (49%)
- Green (87%)
- Blue (69%)



- Red (49%)
- Yellow (74%)
- Blue (87%)



- Cyan (43%)
- Magenta (0%)
- Yellow (20%)
- Black (13%)




- Cyan (51%)
- Magenta (13%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.8525, 0.2781, 0.3901 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 59.8525, 0.2781, 0.3901 by changing the saturation by 10% instead.


 59.8525, 0.2781,
0.3901


 59.8525, 0.2781,
0.3901


424.0539, 0.2953,
0.3596

 43.2998, 0.2739,
0.3977


 104.6157, 0.2843,
0.3790

 30.1204, 0.2685,
0.4074


 133.5949, 0.2866,
0.3749

 19.9300, 0.2614,
0.4203


 167.4851, 0.2886,
0.3713

 12.3442, 0.2516,
0.4383

206.6706, 0.2903,
0.3683

 6.9785, 0.2372,
0.4647

251.5358, 0.2918,
0.3657

 3.4487, 0.2145,
0.5075

302.4652, 0.2931,

 1.3702, 0.1379,

0.3634

0.6364

359.8431, 0.2942,
0.3614

■ 0.1946, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 59.8525, 0.2781,
0.3901

■ 59.8525, 0.2781,
0.3901

■ 57.9501, 0.2725,
0.4075

■ 62.1659, 0.2850,
0.3738

■ 56.4257, 0.2684,
0.4256


■ 64.9064, 0.2928,
0.3587


■ 55.2528, 0.2663,
0.4441


■ 68.0980, 0.3011,
0.3450

■ 54.3984, 0.2661,
0.4625

■ 71.7609, 0.3099,
0.3327


 53.8223, 0.2679,
0.4804

 75.9139, 0.3187,
0.3217

 53.5462, 0.2700,
0.4920

 79.7593, 0.3245,
0.3118

 80.3939, 0.3176,
0.3018

 80.7200, 0.3142,
0.2970

Harmonies

Analogous

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



59.8525, 0.3288, 0.4210



59.8525, 0.2781, 0.3901



59.8525, 0.2388, 0.3390

Triad

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



59.8525, 0.2781, 0.3901



59.8525, 0.2468, 0.2459



59.8525, 0.4160, 0.3542

Complementary

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



59.8525, 0.2781, 0.3901



33.4064, 0.3715, 0.2761

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.



59.8525, 0.3907, 0.3131



59.8525, 0.2781, 0.3901



59.8525, 0.2898, 0.2535

Square

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



59.8525, 0.2781, 0.3901



59.8525, 0.2223, 0.2576



59.8525, 0.3429, 0.2775



59.8525, 0.4103, 0.3932

Rectangle

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



59.8525, 0.2781, 0.3901



59.8525, 0.2234, 0.3048



59.8525, 0.3429, 0.2775



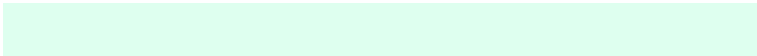
59.8525, 0.4108, 0.3403

Sweetspot

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



59.8549, 0.2781, 0.3901



93.2851, 0.3012, 0.3449



62.5668, 0.3383, 0.4504



19.7467, 0.2993, 0.3478



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.



59.8549, 0.2781, 0.3901



79.5298, 0.2729, 0.4060



61.1082, 0.2540, 0.3268



15.4583, 0.3044, 0.3402



31.8296, 0.2693, 0.4895



2.2243, 0.2618, 0.4626

Inverse Universe

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



33.4064, 0.3715, 0.2761



38.7619, 0.3905, 0.2657



32.3851, 0.4251, 0.3312



13.8070, 0.3219, 0.3181



9.8409, 0.5084, 0.2574



0.7001, 0.4720, 0.2374

Previews

White Background



This preview shows how the Yxy color 59.8525, 0.2781, 0.3901 looks on a white background.

Color Contrast Check

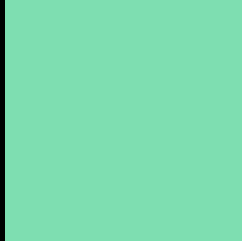
Large Text (above 18pt) WCAG AA × Fail

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 59.8525, 0.2781, 0.3901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

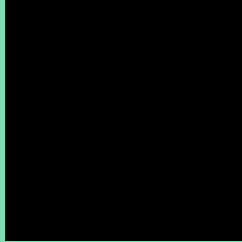
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

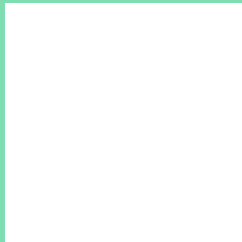
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.8525, 0.2781, 0.3901

Background



This preview shows how black text looks on a background with the Yxy color 59.8525, 0.2781, 0.3901.

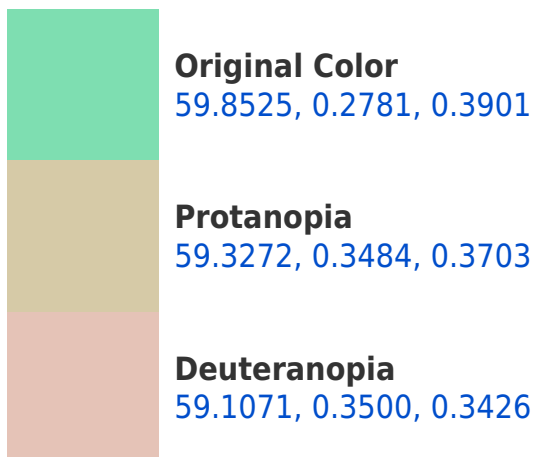


This preview shows how white text looks on a background with the Yxy color 59.8525, 0.2781, 0.3901.

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

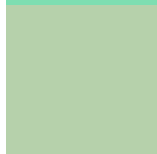
60.0025, 0.2548, 0.3077

Trichromacy



Original Color

59.8525, 0.2781, 0.3901



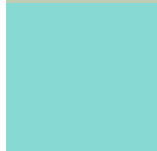
Protanomaly

58.4863, 0.3187, 0.3770



Deuteranomaly

58.2053, 0.3198, 0.3586



Tritanomaly

60.0472, 0.2632, 0.3366

Monochromacy



Original Color

59.8525, 0.2781, 0.3901



Achromatopsia

50.2886, 0.3127, 0.3290



Achromatomaly

52.7686, 0.2973, 0.3500

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.8525, 0.2781, 0.3901 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(126, 222, 177)` looks like.

```
.text, #text, p{  
    color:rgb(126, 222, 177)  
}
```

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(126, 222, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 222, 177) }
```

Border

The CSS property to change the border of an element to Yxy 59.8525, 0.2781, 0.3901 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(126, 222, 177) }
```

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

```
.border{ border-color:rgb(126, 222, 177) }
```

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

Here you see how a box with a 4 pixel rgb(126, 222, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 222, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 222, 177);  
box-shadow:4px 4px 4px 4px rgb(126, 222,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 59.8525, 0.2781, 0.3901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 222, 177) }
```

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

```
.background{ background-color: rgb(126,  
222, 177) }
```

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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