

Converting Colors

$Yxy(66.3300, 0.2877, 0.3431)$

Have a look what the booklet for
Yxy(66.3300, 0.2877, 0.3431)
contains.

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Color

Yxy(66.5925, 0.2878, 0.3433)

Conversions

Conversions Part 1

Format	Color
Hex	AFDFD3
RGB	175, 223, 211
RGB Percent	69%, 87%, 83%
CMY	0.3137, 0.1255, 0.1724
CMYK	0.22, 0.00, 0.05, 0.13
HSL	165°, 43%, 78%
HSV	165°, 22%, 87%
XYZ	55.8267, 66.5925, 71.5583
YIQ	207.2800, -24.7560, -13.9080

Conversions

Conversions Part 2

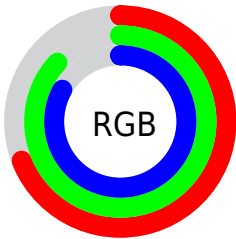
Format	Color
RYB	175, 202, 223
Decimal	11526099
CIELab	85.30, -17.89, 0.77
CIELCh	85, 17.911, 177.550
Yxy	66.5925, 0.2878, 0.3433
Android (android.graphics.Color)	4289716179 (0xFFAFDFD3)
YUV	207.2800, 1.8340, -28.3096
Hunter-Lab	81.6042, -20.6927, 5.1319

Details

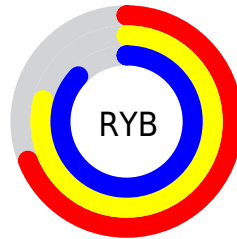
The Yxy color **66.5925, 0.2878, 0.3433** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **49.9336, 0.3455, 0.3152**, and the grayscale version is **62.5887, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7289, 0.2982, 0.3290**, and **34.5772, 0.2818, 0.3465** is the 20% darker color. If you saturate the color by 10%, you get **63.9503, 0.2774, 0.3509**, and if you desaturate by 10%, it is **69.6760, 0.2991, 0.3363**.

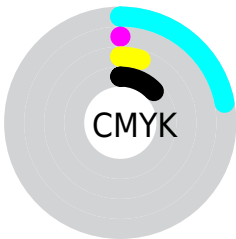
Distribution



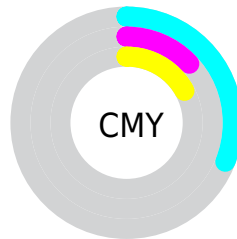
- Red (69%)
- Green (87%)
- Blue (83%)



- Red (69%)
- Yellow (79%)
- Blue (87%)



- Cyan (22%)
- Magenta (0%)
- Yellow (5%)
- Black (13%)





- Cyan (31%)
- Magenta (13%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.5925, 0.2878, 0.3433 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 66.5925, 0.2878, 0.3433 by changing the saturation by 10% instead.


 66.5925, 0.2878,
0.3433

 66.5925, 0.2878,
0.3433


448.4929, 0.2995,
0.3366

 48.7535, 0.2851,
0.3449


 114.3363, 0.2919,
0.3409

 34.4240, 0.2817,
0.3468


145.0099, 0.2935,
0.3400

 23.2195, 0.2773,
0.3493


180.7306, 0.2948,
0.3392

 14.7557, 0.2716,
0.3527

221.8827, 0.2960,
0.3386

 8.6481, 0.2637,
0.3573

268.8505, 0.2971,
0.3380

 4.5124, 0.2519,
0.3642

322.0186, 0.2980,

 1.9641, 0.2329,

0.3374

381.7712, 0.2988,
0.3370

0.3755

0.5865, 0.0933,
0.4539

0.0000, 0.0000,
0.0000

66.5925, 0.2878,
0.3433

66.5925, 0.2878,
0.3433

63.9503, 0.2774,
0.3509

69.6760, 0.2991,
0.3363

61.7200, 0.2681,
0.3591


73.2120, 0.3109,
0.3299

59.8818, 0.2602,
0.3678

77.2217, 0.3230,
0.3242

58.4105, 0.2540,
0.3768


79.9360, 0.3286,
0.3189

 57.2783, 0.2497,
0.3861


 80.2594, 0.3248,
0.3134


 56.4532, 0.2474,
0.3955

 80.5930, 0.3211,
0.3080

 55.8968, 0.2470,
0.4048

 80.9367, 0.3174,
0.3027

 55.5814, 0.2480,
0.4126

 81.2570, 0.3142,
0.2980

Harmonies

Analogous

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



66.5925, 0.3083, 0.3605



66.5925, 0.2878, 0.3433



66.5925, 0.2742, 0.3224

Triad

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



66.5925, 0.2878, 0.3433



66.5925, 0.2941, 0.2925



66.5925, 0.3567, 0.3516

Complementary

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



66.5925, 0.2878, 0.3433



49.9336, 0.3455, 0.3152

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.



66.5925, 0.3528, 0.3334



66.5925, 0.2878, 0.3433



66.5925, 0.3160, 0.3002

Square

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



66.5925, 0.2878, 0.3433



66.5925, 0.2777, 0.2937



66.5925, 0.3377, 0.3149



66.5925, 0.3484, 0.3646

Rectangle

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



66.5925, 0.2878, 0.3433



66.5925, 0.2706, 0.3097



66.5925, 0.3377, 0.3149



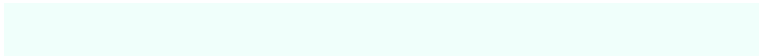
66.5925, 0.3568, 0.3458

Sweetspot

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



66.5952, 0.2878, 0.3433



96.9695, 0.3055, 0.3327



66.4366, 0.3184, 0.3873



20.6878, 0.3047, 0.3331



0.0000, 0.0000, 0.0000



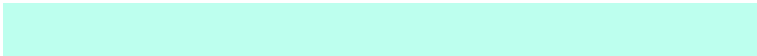
21.4041, 0.3127, 0.3290

Same Dimension

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



66.5952, 0.2878, 0.3433



88.5009, 0.2828, 0.3468



61.0307, 0.2798, 0.3145



15.5109, 0.3015, 0.3349



32.6989, 0.2476, 0.4112



2.2805, 0.2436, 0.3970

Inverse Universe

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



49.9336, 0.3455, 0.3152



61.9454, 0.3547, 0.3120



54.3234, 0.3533, 0.3430



13.7563, 0.3253, 0.3232



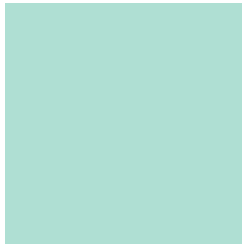
9.4052, 0.5924, 0.3037



0.6661, 0.5484, 0.2795

Previews

White Background



This preview shows how the Yxy color 66.5925, 0.2878, 0.3433 looks on a white background.

Color Contrast Check

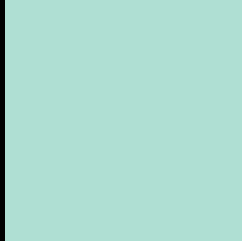
Large Text (above 18pt) WCAG AA × Fail

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 66.5925, 0.2878, 0.3433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

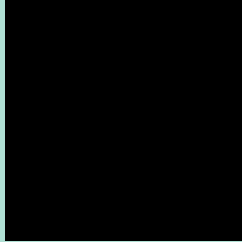
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

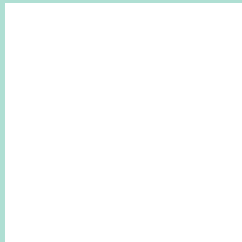
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.5925, 0.2878, 0.3433

Background



This preview shows how black text looks on a background with the Yxy color 66.5925, 0.2878, 0.3433.



This preview shows how white text looks on a background with the Yxy color 66.5925, 0.2878, 0.3433.

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

66.5925, 0.2878, 0.3433

Protanopia

66.4002, 0.3220, 0.3369

Deuteranopia

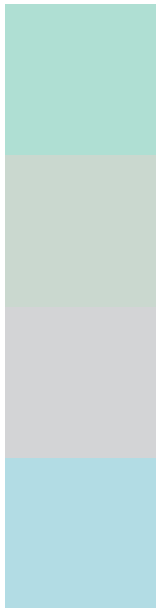
66.2047, 0.3261, 0.3193



Tritanopia

66.4808, 0.2755, 0.3082

Trichromacy



Original Color

66.5925, 0.2878, 0.3433

Protanomaly

66.1733, 0.3086, 0.3394

Deuteranomaly

65.7909, 0.3106, 0.3267

Tritanomaly

66.2528, 0.2795, 0.3195

Monochromacy



Original Color

66.5925, 0.2878, 0.3433

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

63.7447, 0.3030, 0.3348

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.5925, 0.2878, 0.3433 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(175, 223, 211)` looks like.

```
.text, #text, p{  
    color:rgb(175, 223, 211)  
}
```

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(175, 223, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 223, 211) }
```

Border

The CSS property to change the border of an element to Yxy 66.5925, 0.2878, 0.3433 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(175, 223, 211) }
```

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

```
.border{ border-color:rgb(175, 223, 211) }
```

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

Here you see how a box with a 4 pixel rgb(175, 223, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 223, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 223, 211);  
box-shadow:4px 4px 4px 4px rgb(175, 223,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 66.5925, 0.2878, 0.3433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 223, 211) }
```

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

```
.background{ background-color: rgb(175,  
223, 211) }
```

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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