

Converting Colors

$Yxy(66.1815, 0.2790, 0.3388)$

Have a look what the booklet for
Yxy(66.1815, 0.2790, 0.3388)
contains.

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Color

Yxy(66.2685, 0.2788, 0.3386)

Conversions

Conversions Part 1

Format	Color
Hex	A5E0D8
RGB	165, 224, 216
RGB Percent	65%, 88%, 85%
CMY	0.3530, 0.1215, 0.1529
CMYK	0.26, 0.00, 0.04, 0.12
HSL	172°, 49%, 76%
HSV	172°, 26%, 88%
XYZ	54.5648, 66.2685, 74.8799
YIQ	205.4470, -32.5960, -14.9960

Conversions

Conversions Part 2

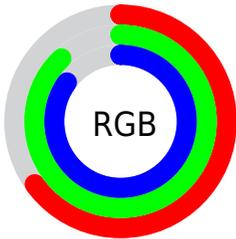
Format	Color
RYB	165, 197, 224
Decimal	10871000
CIELab	85.13, -20.36, -2.17
CIELCh	85, 20.479, 186.076
Yxy	66.2685, 0.2788, 0.3386
Android (android.graphics.Color)	4289061080 (0xFFA5E0D8)
YUV	205.4470, 5.2026, -35.4720
Hunter-Lab	81.4055, -22.8137, 2.4466

Details

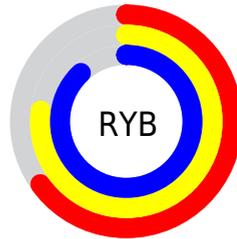
The Yxy color **66.2685, 0.2788, 0.3386** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.7711, 0.3614, 0.3197**, and the grayscale version is **61.3313, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1122, 0.2923, 0.3289**, and **34.3287, 0.2706, 0.3419** is the 20% darker color. If you saturate the color by 10%, you get **63.9203, 0.2677, 0.3428**, and if you desaturate by 10%, it is **69.0457, 0.2910, 0.3347**.

Distribution



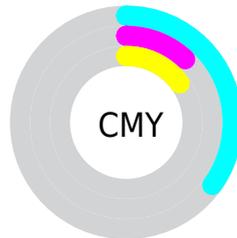
- Red (65%)
- Green (88%)
- Blue (85%)



- Red (65%)
- Yellow (77%)
- Blue (88%)



- Cyan (26%)
- Magenta (0%)
- Yellow (4%)
- Black (12%)



- Cyan (35%)
- Magenta (12%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.2685, 0.2788, 0.3386 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 66.2685, 0.2788, 0.3386 by changing the saturation by 10% instead.

 66.2685, 0.2788,
0.3386

 66.2685, 0.2788,
0.3386

447.3365, 0.2947,
0.3342

 48.4904, 0.2751,
0.3396

 113.8716, 0.2843,
0.3371

 34.2154, 0.2706,
0.3408

 144.4654, 0.2865,
0.3365

 23.0591, 0.2648,
0.3424

180.0999, 0.2883,
0.3360

 14.6372, 0.2571,
0.3443

221.1595, 0.2899,
0.3355

 8.5651, 0.2466,
0.3470

268.0285, 0.2913,
0.3351

 4.4586, 0.2312,
0.3508

321.0915, 0.2926,

 1.9333, 0.2067,

0.3348

380.7327, 0.2937,
0.3345

0.3563

0.5683, 0.0311,
0.4113

0.0000, 0.0000,
0.0000

66.2685, 0.2788,
0.3386

66.2685, 0.2788,
0.3386

63.9203, 0.2677,
0.3428

69.0457, 0.2910,
0.3347

61.9710, 0.2580,
0.3472

72.2641, 0.3041,
0.3311

60.3993, 0.2500,
0.3518

75.9456, 0.3177,
0.3278

59.1789, 0.2438,
0.3566

80.1079, 0.3317,
0.3249

 58.2796, 0.2396,
0.3614

 80.3560, 0.3299,
0.3219

 57.6666, 0.2373,
0.3662

 80.5294, 0.3278,
0.3189

 57.2959, 0.2368,
0.3709

 80.7058, 0.3258,
0.3159

 57.1931, 0.2369,
0.3726

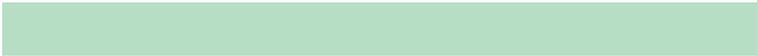
 80.8853, 0.3238,
0.3130

 81.0678, 0.3217,
0.3100

Harmonies

Analogous

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



66.2685, 0.3004, 0.3605



66.2685, 0.2788, 0.3386



66.2685, 0.2664, 0.3148

Triad

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



66.2685, 0.2788, 0.3386



66.2685, 0.2981, 0.2889



66.2685, 0.3618, 0.3597

Complementary

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



66.2685, 0.2788, 0.3386



45.7711, 0.3614, 0.3197

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.



66.2685, 0.3614, 0.3400



66.2685, 0.2788, 0.3386



66.2685, 0.3238, 0.3003

Square

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



66.2685, 0.2788, 0.3386



66.2685, 0.2771, 0.2872



66.2685, 0.3473, 0.3186



66.2685, 0.3485, 0.3722

Rectangle

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



66.2685, 0.2788, 0.3386



66.2685, 0.2646, 0.3015



66.2685, 0.3473, 0.3186



66.2685, 0.3633, 0.3536

Sweetspot

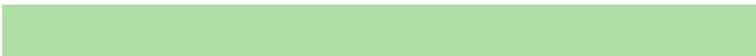
The Sweet Spot groups the original color and five complimentary colors.



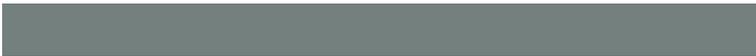
66.2712, 0.2788, 0.3386



96.1572, 0.3018, 0.3317



65.0119, 0.3153, 0.4030



20.4366, 0.2998, 0.3322



0.0000, 0.0000, 0.0000



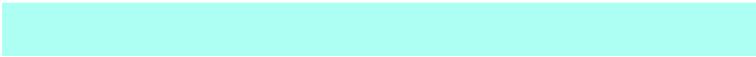
21.4041, 0.3127, 0.3290

Same Dimension

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



66.2712, 0.2788, 0.3386



86.9772, 0.2721, 0.3410



56.2578, 0.2719, 0.3034



15.5387, 0.3000, 0.3322



33.3006, 0.2366, 0.3719



2.3172, 0.2346, 0.3646

Inverse Universe

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



45.7711, 0.3614, 0.3197



54.7813, 0.3766, 0.3176



53.5328, 0.3630, 0.3532



13.7307, 0.3271, 0.3258



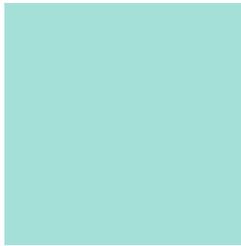
9.2897, 0.6217, 0.3198



0.6538, 0.5861, 0.3002

Previews

White Background



This preview shows how the Yxy color 66.2685, 0.2788, 0.3386 looks on a white background.

Color Contrast Check

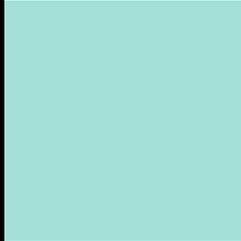
Large Text (above 18pt) WCAG AA × Fail

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 66.2685, 0.2788, 0.3386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

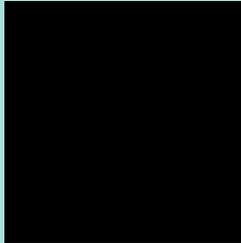
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

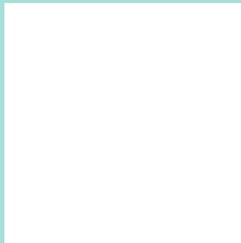
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.2685, 0.2788, 0.3386

Background



This preview shows how black text looks on a background with the Yxy color 66.2685, 0.2788, 0.3386.



This preview shows how white text looks on a background with the Yxy color 66.2685, 0.2788, 0.3386.

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

66.4320, 0.2692, 0.3090

Trichromacy



Original Color

66.2685, 0.2788, 0.3386



Protanomaly

65.6852, 0.3024, 0.3348



Deuteranomaly

65.8248, 0.3036, 0.3222



Tritanomaly

66.2806, 0.2725, 0.3194

Monochromacy



Original Color

66.2685, 0.2788, 0.3386



Achromatopsia

61.0496, 0.3127, 0.3290



Achromatomaly

62.6376, 0.2988, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.2685, 0.2788, 0.3386 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(165, 224, 216)` looks like.

```
.text, #text, p{  
    color:rgb(165, 224, 216)  
}
```

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(165, 224, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 224, 216) }
```

Border

The CSS property to change the border of an element to Yxy 66.2685, 0.2788, 0.3386 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(165, 224, 216) }
```

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

```
.border{ border-color:rgb(165, 224, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 224, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 224, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 224, 216);  
box-shadow:4px 4px 4px 4px rgb(165, 224,  
216) }
```

Background

The CSS property to change the background color of an element to Yxy 66.2685, 0.2788, 0.3386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 224, 216) }
```

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

```
.background{ background-color: rgb(165,  
224, 216) }
```

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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