

Converting Colors

$Yxy(65.2080, 0.2844, 0.3378)$

Have a look what the booklet for
Yxy(65.2080, 0.2844, 0.3378)
contains.

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Color

Yxy(65.2877, 0.2846, 0.3386)

Conversions

Conversions Part 1

Format	Color
Hex	ACDDD5
RGB	172, 221, 213
RGB Percent	67%, 87%, 84%
CMY	0.3256, 0.1333, 0.1647
CMYK	0.22, 0.00, 0.04, 0.13
HSL	170°, 42%, 77%
HSV	170°, 22%, 87%
XYZ	54.8756, 65.2877, 72.6533
YIQ	205.4370, -26.6360, -12.8760

Conversions

Conversions Part 2

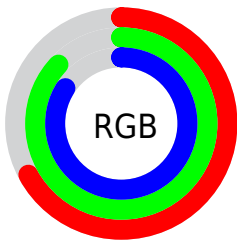
Format	Color
R _{YB}	172, 199, 221
Decimal	11328981
CIE Lab	84.63, -17.42, -1.26
CIE LCh	85, 17.461, 184.154
Yxy	65.2877, 0.2846, 0.3386
Android (android.graphics.Color)	4289519061 (0xFFACDDD5)
YUV	205.4370, 3.7286, -29.3242
Hunter-Lab	80.8008, -20.1737, 3.2490

Details

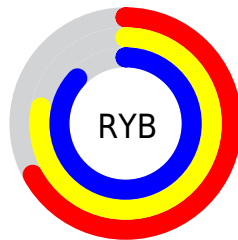
The Yxy color **65.2877, 0.2846, 0.3386** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.1672, 0.3505, 0.3197**, and the grayscale version is **61.3305, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2340, 0.2964, 0.3290**, and **33.6630, 0.2784, 0.3418** is the 20% darker color. If you saturate the color by 10%, you get **62.8130, 0.2733, 0.3435**, and if you desaturate by 10%, it is **68.1877, 0.2969, 0.3340**.

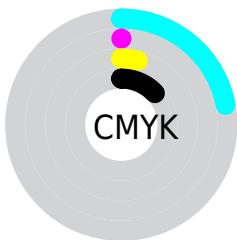
Distribution



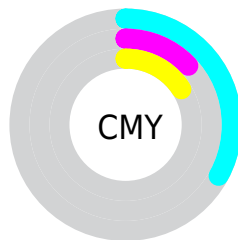
- Red (67%)
- Green (87%)
- Blue (84%)



- Red (67%)
- Yellow (78%)
- Blue (87%)



- Cyan (22%)
- Magenta (0%)
- Yellow (4%)
- Black (13%)



- Cyan (33%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.2877, 0.2846, 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 65.2877, 0.2846, 0.3386 by changing the saturation by 10% instead.

 65.2877, 0.2846,
0.3386

 65.2877, 0.2846,
0.3386

443.8251, 0.2978,
0.3341

 47.6944, 0.2815,
0.3396


 112.4634, 0.2892,
0.3370

 33.5849, 0.2777,
0.3409


142.8146, 0.2910,
0.3364

 22.5749, 0.2728,
0.3425


178.1871, 0.2926,
0.3359

 14.2800, 0.2663,
0.3446

218.9655, 0.2939,
0.3355

 8.3156, 0.2574,
0.3475

265.5341, 0.2951,
0.3351

 4.2976, 0.2442,
0.3517

318.2773, 0.2961,

 1.8414, 0.2228,

0.3347

0.3583

377.5795, 0.2970,
0.3344

0.5128, 0.0509,
0.4197

0.0000, 0.0000,
0.0000

65.2877, 0.2846,
0.3386

65.2877, 0.2846,
0.3386

62.8130, 0.2733,
0.3435

68.1877, 0.2969,
0.3340

60.7349, 0.2633,
0.3488

71.5241, 0.3098,
0.3299


59.0339, 0.2548,
0.3543


75.3175, 0.3232,
0.3261

57.6853, 0.2480,
0.3601

78.5491, 0.3328,
0.3226


 56.6618, 0.2432,
0.3659


 78.7513, 0.3303,
0.3190


 55.9317, 0.2403,
0.3718

 78.9578, 0.3278,
0.3155

 55.4572, 0.2393,
0.3776

 79.1685, 0.3254,
0.3119

 55.2151, 0.2395,
0.3822

 79.3835, 0.3229,
0.3084

 79.6027, 0.3205,
0.3050

Harmonies

Analogous

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



65.2877, 0.3036, 0.3568



65.2877, 0.2846, 0.3386



65.2877, 0.2732, 0.3182

Triad

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



65.2877, 0.2846, 0.3386



65.2877, 0.2989, 0.2941



65.2877, 0.3551, 0.3546

Complementary

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



65.2877, 0.2846, 0.3386



48.1672, 0.3505, 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.



65.2877, 0.3539, 0.3375



65.2877, 0.2846, 0.3386



65.2877, 0.3209, 0.3034

Square

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



65.2877, 0.2846, 0.3386



65.2877, 0.2812, 0.2933



65.2877, 0.3412, 0.3190



65.2877, 0.3445, 0.3656

Rectangle

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



65.2877, 0.2846, 0.3386



65.2877, 0.2712, 0.3065



65.2877, 0.3412, 0.3190



65.2877, 0.3560, 0.3493

Sweetspot

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



65.2904, 0.2846, 0.3386



96.5837, 0.3034, 0.3318



64.4177, 0.3156, 0.3897



20.6130, 0.3027, 0.3321



0.0000, 0.0000, 0.0000



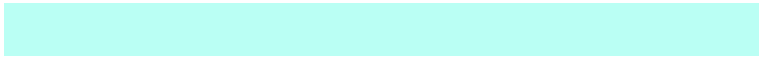
21.4041, 0.3127, 0.3290

Same Dimension

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



65.2904, 0.2846, 0.3386



88.4937, 0.2788, 0.3410



57.4932, 0.2784, 0.3090



14.7911, 0.3004, 0.3328



32.0863, 0.2392, 0.3813



2.0887, 0.2366, 0.3718

Inverse Universe

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



48.1672, 0.3505, 0.3197



60.4911, 0.3619, 0.3174



54.4569, 0.3537, 0.3482



13.0861, 0.3266, 0.3252



9.0155, 0.6155, 0.3165



0.5950, 0.5738, 0.2935

Previews

White Background



This preview shows how the Yxy color 65.2877, 0.2846, 0.3386 looks on a white background.

Color Contrast Check

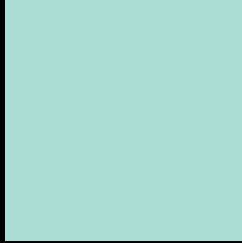
Large Text (above 18pt) WCAG AA × Fail

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 65.2877, 0.2846, 0.3386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

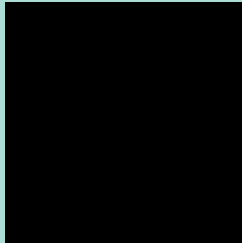
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

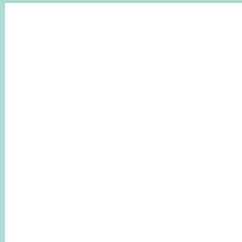
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.2877, 0.2846, 0.3386

Background



This preview shows how black text looks on a background with the Yxy color 65.2877, 0.2846, 0.3386.

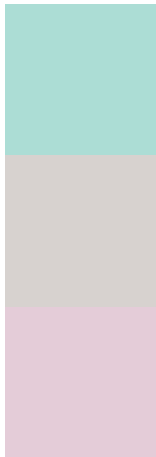


This preview shows how white text looks on a background with the Yxy color 65.2877, 0.2846, 0.3386.

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



Original Color

65.2877, 0.2846, 0.3386

Protanopia

65.0453, 0.3185, 0.3324

Deuteranopia

64.6376, 0.3225, 0.3159



Tritanopia

65.3711, 0.2741, 0.3091

Trichromacy



Original Color

65.2877, 0.2846, 0.3386

Protanomaly

64.8387, 0.3052, 0.3348

Deuteranomaly

64.4094, 0.3078, 0.3233

Tritanomaly

65.3230, 0.2781, 0.3195

Monochromacy



Original Color

65.2877, 0.2846, 0.3386

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

62.4801, 0.3016, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.2877, 0.2846, 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(172, 221, 213)` looks like.

```
.text, #text, p{  
    color:rgb(172, 221, 213)  
}
```

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(172, 221, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 221, 213) }
```

Border

The CSS property to change the border of an element to Yxy 65.2877, 0.2846, 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(172, 221, 213) }
```

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

```
.border{ border-color:rgb(172, 221, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 221, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 221, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 221, 213);  
box-shadow:4px 4px 4px 4px rgb(172, 221,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 65.2877, 0.2846, 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(172, 221, 213) }
```

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

```
.background{ background-color: rgb(172,  
221, 213) }
```

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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