

Converting Colors

Yxy(66.5554, 0.2766, 0.3192)

Have a look what the booklet for
Yxy(66.5554, 0.2766, 0.3192)
contains.

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Color

Yxy(66.3687, 0.2766, 0.3195)

Conversions

Conversions Part 1

Format	Color
Hex	AEDDE5
RGB	174, 221, 229
RGB Percent	68%, 87%, 90%
CMY	0.3175, 0.1333, 0.1020
CMYK	0.24, 0.03, 0.00, 0.10
HSL	189°, 51%, 79%
HSV	189°, 24%, 90%
XYZ	57.4572, 66.3687, 83.9008
YIQ	207.8590, -30.5800, -7.4760

Conversions

Conversions Part 2

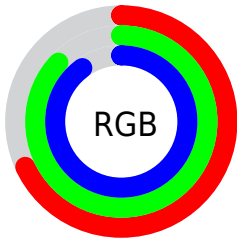
Format	Color
RYB	174, 199, 229
Decimal	11460069
CIELab	85.18, -13.37, -8.90
CIELCh	85, 16.060, 213.662
Yxy	66.3687, 0.2766, 0.3195
Android (android.graphics.Color)	4289650149 (0xFFAEDDE5)
YUV	207.8590, 10.4225, -29.6943
Hunter-Lab	81.4670, -16.6743, -4.0344

Details

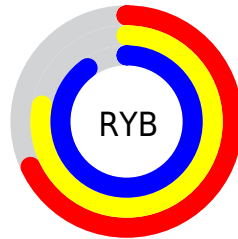
The Yxy color **66.3687, 0.2766, 0.3195** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.1744, 0.3606, 0.3383**, and the grayscale version is **62.9305, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5630, 0.2976, 0.3290**, and **34.3215, 0.2675, 0.3164** is the 20% darker color. If you saturate the color by 10%, you get **62.2213, 0.2628, 0.3150**, and if you desaturate by 10%, it is **71.0046, 0.2913, 0.3237**.

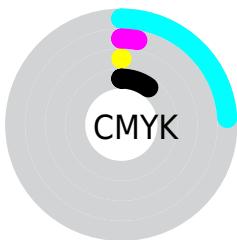
Distribution



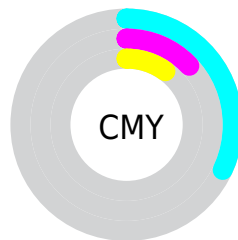
- Red (68%)
- Green (87%)
- Blue (90%)



- Red (68%)
- Yellow (78%)
- Blue (90%)



- Cyan (24%)
- Magenta (3%)
- Yellow (0%)
- Black (10%)



- Cyan (32%)
- Magenta (13%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.3687, 0.2766, 0.3195 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 66.3687, 0.2766, 0.3195 by changing the saturation by 10% instead.

■ 66.3687, 0.2766,
0.3195

■ 66.3687, 0.2766,
0.3195

447.6943, 0.2934,
0.3242

■ 48.5718, 0.2727,
0.3183

■ 114.0154, 0.2824,
0.3212

■ 34.2799, 0.2680,
0.3169

144.6339, 0.2847,
0.3218

■ 23.1087, 0.2619,
0.3150

180.2950, 0.2867,
0.3224

■ 14.6738, 0.2540,
0.3123

221.3832, 0.2884,
0.3229

■ 8.5908, 0.2431,
0.3086

268.2829, 0.2899,
0.3233

■ 4.4752, 0.2275,
0.3027

321.3783, 0.2912,

■ 1.9428, 0.2031,

0.3236

0.2925

381.0540, 0.2923,
0.3239

0.5739, 0.1059,
0.2774

0.0000, 0.0000,
0.0000

66.3687, 0.2766,
0.3195

66.3687, 0.2766,
0.3195

62.2213, 0.2628,
0.3150

71.0046, 0.2913,
0.3237

58.5315, 0.2502,
0.3102

76.1424, 0.3065,
0.3276

55.2770, 0.2391,
0.3052

81.8046, 0.3221,
0.3311

52.4303, 0.2298,
0.3001

85.9396, 0.3302,
0.3343

■ 49.9607, 0.2223,
0.2949

■ 87.8556, 0.3299,
0.3376

■ 47.8324, 0.2168,
0.2897

■ 89.8075, 0.3295,
0.3408

■ 46.0019, 0.2131,
0.2846

■ 91.7953, 0.3291,
0.3440

■ 45.0059, 0.2116,
0.2816

■ 93.8193, 0.3288,
0.3472

■ 95.8796, 0.3284,
0.3504

Harmonies

Analogous

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



66.3687, 0.2872, 0.3381



66.3687, 0.2766, 0.3195



66.3687, 0.2753, 0.3043

Triad

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



66.3687, 0.2766, 0.3195



66.3687, 0.3199, 0.3053



66.3687, 0.3420, 0.3624

Complementary

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



66.3687, 0.2766, 0.3195



53.1744, 0.3606, 0.3383

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.



66.3687, 0.3515, 0.3523



66.3687, 0.2766, 0.3195



66.3687, 0.3385, 0.3196

Square

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



66.3687, 0.2766, 0.3195



66.3687, 0.2998, 0.2969



66.3687, 0.3502, 0.3366



66.3687, 0.3248, 0.3635

Rectangle

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



66.3687, 0.2766, 0.3195



66.3687, 0.2799, 0.2981



66.3687, 0.3502, 0.3366



66.3687, 0.3463, 0.3599

Sweetspot

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



66.3714, 0.2766, 0.3195



95.1264, 0.3018, 0.3264



68.3843, 0.3051, 0.3874



20.2743, 0.3009, 0.3262



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.



66.3714, 0.2766, 0.3195



81.9038, 0.2693, 0.3172



53.3214, 0.2739, 0.2867



15.9606, 0.2981, 0.3255



25.8731, 0.2118, 0.2824



2.0099, 0.2139, 0.2898

Inverse Universe

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



52.1587, 0.3219, 0.2775



60.8751, 0.3243, 0.2662



65.2331, 0.3537, 0.3679



14.5773, 0.3160, 0.3091



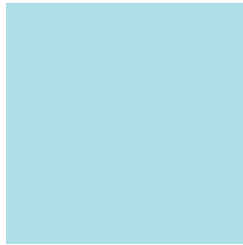
11.8096, 0.3613, 0.1764



0.8826, 0.3545, 0.1726

Previews

White Background



This preview shows how the Yxy color 66.3687, 0.2766, 0.3195 looks on a white background.

Color Contrast Check

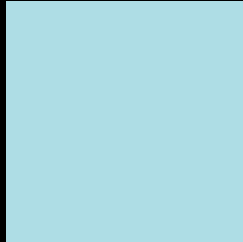
Large Text (above 18pt) WCAG AA × Fail

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 66.3687, 0.2766, 0.3195 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 66.3687, 0.2766, 0.3195

Background



This preview shows how black text looks on a background with the Yxy color 66.3687, 0.2766, 0.3195.



This preview shows how white text looks on a background with the Yxy color 66.3687, 0.2766, 0.3195.

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

66.3687, 0.2766, 0.3195

Protanopia

66.0624, 0.3060, 0.3156

Deuteranopia

65.8161, 0.3081, 0.3010



Tritanopia

66.5309, 0.2732, 0.3092

Trichromacy



Original Color

66.3687, 0.2766, 0.3195

Protanomaly

66.1792, 0.2948, 0.3176

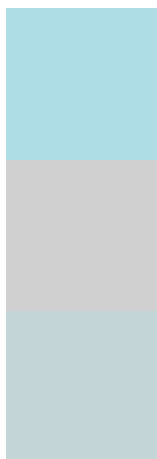
Deuteranomaly

65.4799, 0.2958, 0.3066

Tritanomaly

66.2409, 0.2743, 0.3126

Monochromacy



Original Color

66.3687, 0.2766, 0.3195

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

64.2821, 0.2985, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.3687, 0.2766, 0.3195 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(174, 221, 229)` looks like.

```
.text, #text, p{  
    color:rgb(174, 221, 229)  
}
```

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(174, 221, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 221, 229) }
```

Border

The CSS property to change the border of an element to Yxy 66.3687, 0.2766, 0.3195 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(174, 221, 229) }
```

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

```
.border{ border-color:rgb(174, 221, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 221, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 221, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 221, 229);  
box-shadow:4px 4px 4px 4px rgb(174, 221,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 66.3687, 0.2766, 0.3195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 221, 229) }
```

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

```
.background{ background-color: rgb(174,  
221, 229) }
```

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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