

Converting Colors

$Yxy(65.2990, 0.2858, 0.3212)$

Have a look what the booklet for
Yxy(65.2990, 0.2858, 0.3212)
contains.

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Color

Yxy(65.1979, 0.2855, 0.3207)

Conversions

Conversions Part 1

Format	Color
Hex	B8D9E0
RGB	184, 217, 224
RGB Percent	72%, 85%, 88%
CMY	0.2783, 0.1490, 0.1215
CMYK	0.18, 0.03, 0.00, 0.12
HSL	191°, 39%, 80%
HSV	191°, 18%, 88%
XYZ	58.0418, 65.1979, 80.0590
YIQ	207.9310, -21.9150, -4.8190

Conversions

Conversions Part 2

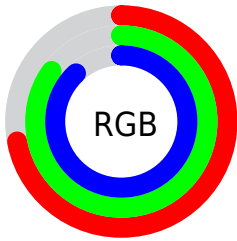
Format	Color
RYB	184, 202, 224
Decimal	12114400
CIELab	84.59, -9.36, -7.09
CIElCh	85, 11.742, 217.154
Yxy	65.1979, 0.2855, 0.3207
Android (android.graphics.Color)	4290304480 (0xFFB8D9E0)
YUV	207.9310, 7.9220, -20.9875
Hunter-Lab	80.7452, -12.9936, -2.2645

Details

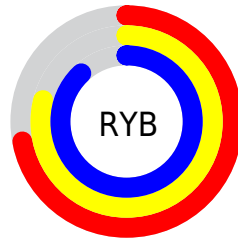
The Yxy color **65.1979, 0.2855, 0.3207** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.5983, 0.3458, 0.3371**, and the grayscale version is **62.9933, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2653, 0.3035, 0.3290**, and **33.4511, 0.2784, 0.3180** is the 20% darker color. If you saturate the color by 10%, you get **60.6446, 0.2710, 0.3155**, and if you desaturate by 10%, it is **70.2431, 0.3006, 0.3255**.

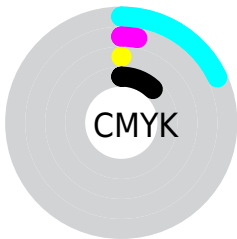
Distribution



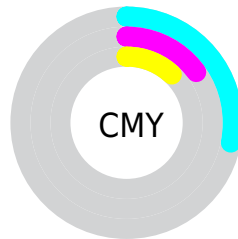
- Red (72%)
- Green (85%)
- Blue (88%)



- Red (72%)
- Yellow (79%)
- Blue (88%)



- Cyan (18%)
- Magenta (3%)
- Yellow (0%)
- Black (12%)



- Cyan (28%)
- Magenta (15%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.1979, 0.2855, 0.3207 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 65.1979, 0.2855, 0.3207 by changing the saturation by 10% instead.

■ 65.1979, 0.2855,
0.3207

■ 65.1979, 0.2855,
0.3207

443.5028, 0.2982,
0.3248

■ 47.6216, 0.2826,
0.3197

■ 112.3343, 0.2900,
0.3222

■ 33.5273, 0.2789,
0.3185

142.6632, 0.2917,
0.3227

■ 22.5307, 0.2742,
0.3169

178.0117, 0.2932,
0.3232

■ 14.2474, 0.2681,
0.3147

218.7643, 0.2944,
0.3236

■ 8.2929, 0.2596,
0.3115

265.3053, 0.2956,
0.3239

■ 4.2829, 0.2472,
0.3067

318.0191, 0.2966,

■ 1.8331, 0.2274,

0.3242

0.2983

377.2901, 0.2974,
0.3245

0.5077, 0.1401,
0.2801

0.0000, 0.0000,
0.0000

65.1979, 0.2855,
0.3207

65.1979, 0.2855,
0.3207

60.6446, 0.2710,
0.3155

70.2431, 0.3006,
0.3255

56.5542, 0.2574,
0.3099

75.7915, 0.3160,
0.3299

52.9068, 0.2450,
0.3040

81.8644, 0.3315,
0.3339

49.6778, 0.2342,
0.2978

84.7708, 0.3337,
0.3377

■ 46.8399, 0.2251,
0.2915

■ 87.0203, 0.3332,
0.3416

■ 44.3623, 0.2180,
0.2851

■ 89.3198, 0.3327,
0.3454

■ 42.2086, 0.2127,
0.2788

■ 91.6696, 0.3322,
0.3492

■ 40.3284, 0.2093,
0.2725

■ 94.0699, 0.3317,
0.3530

■ 39.9431, 0.2087,
0.2712

■ 96.5212, 0.3313,
0.3567

Harmonies

Analogous

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



65.1979, 0.2927, 0.3342



65.1979, 0.2855, 0.3207



65.1979, 0.2854, 0.3099

Triad

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



65.1979, 0.2855, 0.3207



65.1979, 0.3198, 0.3125



65.1979, 0.3331, 0.3540

Complementary

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



65.1979, 0.2855, 0.3207



56.5983, 0.3458, 0.3371

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.



65.1979, 0.3408, 0.3474



65.1979, 0.2855, 0.3207



65.1979, 0.3330, 0.3236

Square

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



65.1979, 0.2855, 0.3207



65.1979, 0.3049, 0.3056



65.1979, 0.3407, 0.3362



65.1979, 0.3200, 0.3538

Rectangle

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



65.1979, 0.2855, 0.3207



65.1979, 0.2893, 0.3057



65.1979, 0.3407, 0.3362



65.1979, 0.3364, 0.3525

Sweetspot

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



65.2006, 0.2855, 0.3207



96.2409, 0.3049, 0.3268



67.2642, 0.3062, 0.3691



20.4894, 0.3039, 0.3265



0.0000, 0.0000, 0.0000



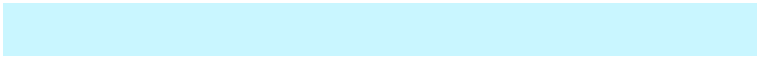
21.4041, 0.3127, 0.3290

Same Dimension

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



65.2006, 0.2855, 0.3207



85.3648, 0.2806, 0.3190



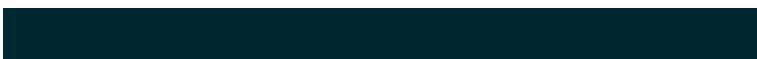
55.6738, 0.2843, 0.2970



15.1412, 0.2982, 0.3248



23.3970, 0.2089, 0.2721



1.7307, 0.2116, 0.2818

Inverse Universe

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



55.1541, 0.3202, 0.2923



69.8723, 0.3218, 0.2853



65.7472, 0.3420, 0.3590



13.8921, 0.3164, 0.3099



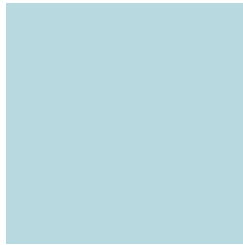
11.2700, 0.3708, 0.1816



0.7922, 0.3618, 0.1767

Previews

White Background



This preview shows how the Yxy color 65.1979, 0.2855, 0.3207 looks on a white background.

Color Contrast Check

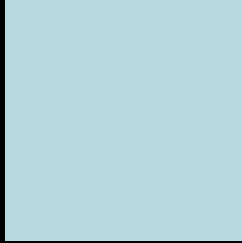
Large Text (above 18pt) WCAG AA × Fail

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 65.1979, 0.2855, 0.3207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

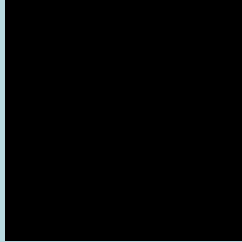
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

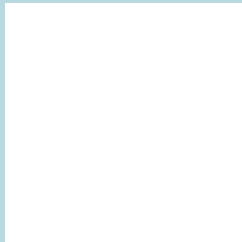
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.1979, 0.2855, 0.3207

Background



This preview shows how black text looks on a background with the Yxy color 65.1979, 0.2855, 0.3207.



This preview shows how white text looks on a background with the Yxy color 65.1979, 0.2855, 0.3207.

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

65.1979, 0.2855, 0.3207

Protanopia

64.7653, 0.3074, 0.3166

Deuteranopia

65.0560, 0.3116, 0.3051



Tritanopia

65.4340, 0.2813, 0.3093

Trichromacy



Original Color

65.1979, 0.2855, 0.3207

Protanomaly

64.8640, 0.2995, 0.3187

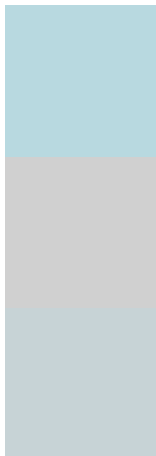
Deuteranomaly

64.6472, 0.3012, 0.3099

Tritanomaly

65.1392, 0.2825, 0.3127

Monochromacy



Original Color

65.1979, 0.2855, 0.3207

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.5857, 0.3019, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.1979, 0.2855, 0.3207 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(184, 217, 224)` looks like.

```
.text, #text, p{  
    color:rgb(184, 217, 224)  
}
```

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(184, 217, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 217, 224) }
```

Border

The CSS property to change the border of an element to Yxy 65.1979, 0.2855, 0.3207 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(184, 217, 224) }
```

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

```
.border{ border-color:rgb(184, 217, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 217, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 217, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 217, 224);  
box-shadow:4px 4px 4px 4px rgb(184, 217,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 65.1979, 0.2855, 0.3207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 217, 224) }
```

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

```
.background{ background-color: rgb(184,  
217, 224) }
```

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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