

Converting Colors

$Yxy(65.4617, 0.2915, 0.3206)$

Have a look what the booklet for
Yxy(65.4617, 0.2915, 0.3206)
contains.

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Color

Yxy(65.6459, 0.2914, 0.3208)

Conversions

Conversions Part 1

Format	Color
Hex	C0D8DF
RGB	192, 216, 223
RGB Percent	75%, 85%, 87%
CMY	0.2468, 0.1530, 0.1254
CMYK	0.14, 0.03, 0.00, 0.13
HSL	194°, 33%, 81%
HSV	194°, 14%, 87%
XYZ	59.6297, 65.6459, 79.3562
YIQ	209.6220, -16.5510, -2.9110

Conversions

Conversions Part 2

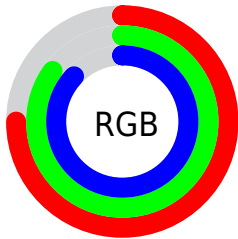
Format	Color
R_{YB}	192, 206, 223
Decimal	12638431
CIE _{Lab}	84.82, -6.52, -6.17
CIE _{LCh}	85, 8.970, 223.419
Yxy	65.6459, 0.2914, 0.3208
Android (android.graphics.Color)	4290828511 (0xFFC0D8DF)
YUV	209.6220, 6.5954, -15.4545
Hunter-Lab	81.0222, -10.4185, -1.3554

Details

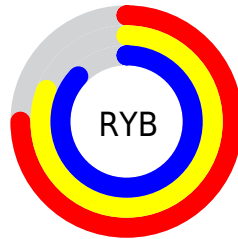
The Yxy color **65.6459, 0.2914, 0.3208** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.4016, 0.3371, 0.3371**, and the grayscale version is **64.1623, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8797, 0.3090, 0.3290**, and **33.7202, 0.2859, 0.3182** is the 20% darker color. If you saturate the color by 10%, you get **60.3934, 0.2764, 0.3142**, and if you desaturate by 10%, it is **71.4253, 0.3067, 0.3268**.

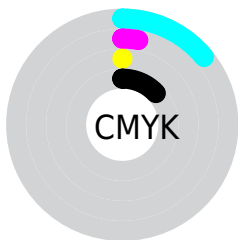
Distribution



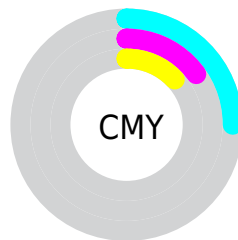
- Red (75%)
- Green (85%)
- Blue (87%)



- Red (75%)
- Yellow (81%)
- Blue (87%)



- Cyan (14%)
- Magenta (3%)
- Yellow (0%)
- Black (13%)



- Cyan (25%)
- Magenta (15%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.6459, 0.2914, 0.3208 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 65.6459, 0.2914, 0.3208 by changing the saturation by 10% instead.

■ 65.6459, 0.2914,
0.3208

■ 65.6459, 0.2914,
0.3208

445.1094, 0.3014,
0.3248

■ 47.9850, 0.2891,
0.3199

■ 112.9780, 0.2949,
0.3222

■ 33.8150, 0.2862,
0.3187

143.4179, 0.2962,
0.3227

■ 22.7515, 0.2825,
0.3171

178.8863, 0.2974,
0.3232

■ 14.4101, 0.2777,
0.3151

219.7676, 0.2984,
0.3236

■ 8.4065, 0.2710,
0.3122

266.4462, 0.2993,
0.3239

■ 4.3561, 0.2612,
0.3077

319.3064, 0.3001,

■ 1.8747, 0.2454,

0.3242

0.3002

378.7327, 0.3008,
0.3245

0.5331, 0.1836,
0.2816

0.0000, 0.0000,
0.0000

65.6459, 0.2914,
0.3208

65.6459, 0.2914,
0.3208

60.3934, 0.2764,
0.3142

71.4253, 0.3067,
0.3268

55.6392, 0.2620,
0.3071

77.7427, 0.3221,
0.3323

51.3640, 0.2486,
0.2995

83.8557, 0.3345,
0.3372

47.5438, 0.2365,
0.2915

86.7407, 0.3339,
0.3422

■ 44.1526, 0.2260,
0.2833

■ 89.7087, 0.3332,
0.3471

■ 41.1607, 0.2173,
0.2748

■ 92.7605, 0.3326,
0.3520

■ 38.5344, 0.2106,
0.2664

■ 95.8966, 0.3320,
0.3568

■ 36.2325, 0.2058,
0.2580

■ 98.1090, 0.3315,
0.3601

■ 34.9428, 0.2036,
0.2529

Harmonies

Analogous

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



65.6459, 0.2959, 0.3308



65.6459, 0.2914, 0.3208



65.6459, 0.2925, 0.3133

Triad

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



65.6459, 0.2914, 0.3208



65.6459, 0.3204, 0.3179



65.6459, 0.3265, 0.3485

Complementary

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



65.6459, 0.2914, 0.3208



60.4016, 0.3371, 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.



65.6459, 0.3333, 0.3445



65.6459, 0.2914, 0.3208



65.6459, 0.3298, 0.3269

Square

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



65.6459, 0.2914, 0.3208



65.6459, 0.3091, 0.3118



65.6459, 0.3345, 0.3366



65.6459, 0.3160, 0.3470

Rectangle

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



65.6459, 0.2914, 0.3208



65.6459, 0.2963, 0.3106



65.6459, 0.3345, 0.3366



65.6459, 0.3293, 0.3477

Sweetspot

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



65.6486, 0.2914, 0.3208



96.6449, 0.3065, 0.3267



68.1181, 0.3067, 0.3575



20.5538, 0.3053, 0.3263



0.0000, 0.0000, 0.0000



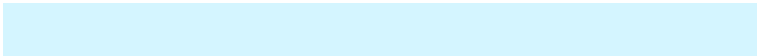
21.4041, 0.3127, 0.3290

Same Dimension

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



65.6486, 0.2914, 0.3208



86.5532, 0.2865, 0.3187



58.2463, 0.2908, 0.3029



15.0158, 0.2982, 0.3235



20.7186, 0.2039, 0.2542



1.5670, 0.2075, 0.2670

Inverse Universe

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



58.3815, 0.3196, 0.3024



74.7731, 0.3214, 0.2960



67.7236, 0.3348, 0.3538



13.8795, 0.3172, 0.3111



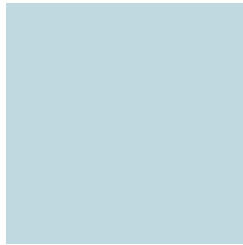
10.9996, 0.3881, 0.1912



0.7756, 0.3756, 0.1843

Previews

White Background



This preview shows how the Yxy color 65.6459, 0.2914, 0.3208 looks on a white background.

Color Contrast Check

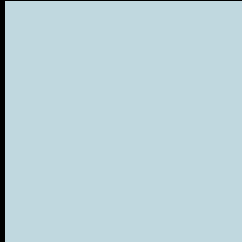
Large Text (above 18pt) WCAG AA × Fail

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 65.6459, 0.2914, 0.3208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

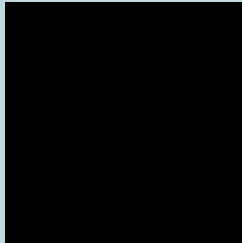
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

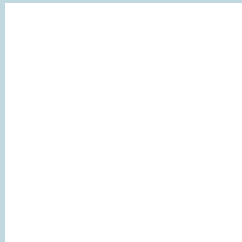
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.6459, 0.2914, 0.3208

Background



This preview shows how black text looks on a background with the Yxy color 65.6459, 0.2914, 0.3208.

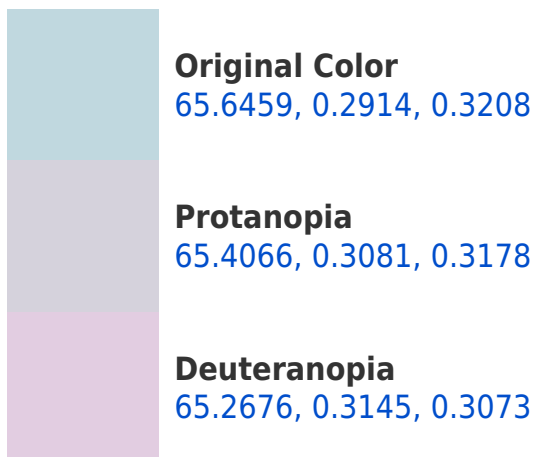


This preview shows how white text looks on a background with the Yxy color 65.6459, 0.2914, 0.3208.

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

65.8964, 0.2871, 0.3096

Trichromacy



Original Color

65.6459, 0.2914, 0.3208

Protanomaly

65.2866, 0.3016, 0.3188

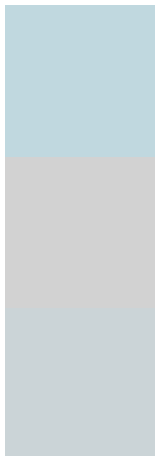
Deuteranomaly

65.2789, 0.3061, 0.3123

Tritanomaly

65.5955, 0.2883, 0.3129

Monochromacy



Original Color

65.6459, 0.2914, 0.3208

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.6898, 0.3041, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.6459, 0.2914, 0.3208 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(192, 216, 223)` looks like.

```
.text, #text, p{  
    color:rgb(192, 216, 223)  
}
```

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(192, 216, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 216, 223) }
```

Border

The CSS property to change the border of an element to Yxy 65.6459, 0.2914, 0.3208 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(192, 216, 223) }
```

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

```
.border{ border-color:rgb(192, 216, 223) }
```

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

Here you see how a box with a 4 pixel rgb(192, 216, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 216, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 216, 223);  
box-shadow:4px 4px 4px 4px rgb(192, 216,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 65.6459, 0.2914, 0.3208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 216, 223) }
```

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

```
.background{ background-color: rgb(192,  
216, 223) }
```

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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