

Converting Colors

$Yxy(65.1867, 0.2924, 0.3095)$

Have a look what the booklet for
Yxy(65.1867, 0.2924, 0.3095)
contains.

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Color

Yxy(65.0795, 0.2923, 0.3086)

Conversions

Conversions Part 1

Format	Color
Hex	C8D4E6
RGB	200, 212, 230
RGB Percent	78%, 83%, 90%
CMY	0.2157, 0.1686, 0.0981
CMYK	0.13, 0.08, 0.00, 0.10
HSL	216°, 37%, 84%
HSV	216°, 13%, 90%
XYZ	61.6421, 65.0795, 84.1647
YIQ	210.4640, -12.9300, 3.0540

Conversions

Conversions Part 2

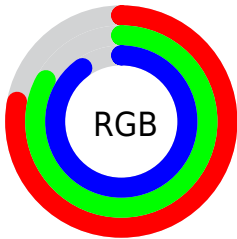
Format	Color
R _Y B	200, 209, 230
Decimal	13161702
CIE Lab	84.52, -0.50, -10.23
CIE LCh	85, 10.243, 267.200
Yxy	65.0795, 0.2923, 0.3086
Android (android.graphics.Color)	4291351782 (0xFFC8D4E6)
YUV	210.4640, 9.6312, -9.1769
Hunter-Lab	80.6719, -4.7824, -5.3868

Details

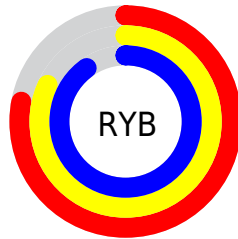
The Yxy color **65.0795, 0.2923, 0.3086** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.1171, 0.3339, 0.3486**, and the grayscale version is **64.7116, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.3201, 0.2870, 0.3021** is the 20% darker color. If you saturate the color by 10%, you get **55.5499, 0.2757, 0.2908**, and if you desaturate by 10%, it is **75.6792, 0.3081, 0.3245**.

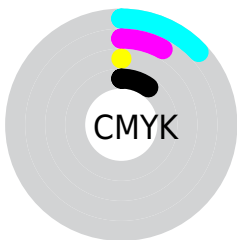
Distribution



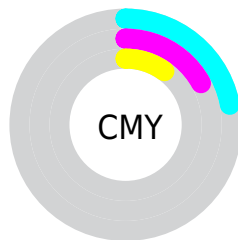
- Red (78%)
- Green (83%)
- Blue (90%)



- Red (78%)
- Yellow (82%)
- Blue (90%)



- Cyan (13%)
- Magenta (8%)
- Yellow (0%)
- Black (10%)



- Cyan (22%)
- Magenta (17%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.0795, 0.2923, 0.3086 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 65.0795, 0.2923, 0.3086 by changing the saturation by 10% instead.

■ 65.0795, 0.2923,
0.3086

■ 65.0795, 0.2923,
0.3086

443.0776, 0.3019,
0.3182

■ 47.5255, 0.2901,
0.3064

112.1641, 0.2957,
0.3120

■ 33.4513, 0.2873,
0.3036

142.4636, 0.2970,
0.3133

■ 22.4724, 0.2837,
0.3000

177.7804, 0.2981,
0.3144

■ 14.2044, 0.2791,
0.2953

218.4989, 0.2990,
0.3154

■ 8.2630, 0.2726,
0.2887

265.0034, 0.2999,
0.3162

■ 4.2637, 0.2630,
0.2791

317.6785, 0.3006,

■ 1.8221, 0.2476,

0.3170

0.2635

376.9084, 0.3013,
0.3176

0.5009, 0.2055,
0.2219

0.0000, 0.0000,
0.0000

65.0795, 0.2923,
0.3086

65.0795, 0.2923,
0.3086

55.5499, 0.2757,
0.2908

75.6792, 0.3081,
0.3245

47.0465, 0.2585,
0.2712

87.3748, 0.3229,
0.3386

39.5338, 0.2412,
0.2500

97.4514, 0.3275,
0.3517

32.9714, 0.2242,
0.2274

98.4924, 0.3274,
0.3532

■ 27.3153, 0.2082,
0.2041

■ 22.5176, 0.1939,
0.1807

■ 18.5244, 0.1819,
0.1581

■ 15.2737, 0.1727,
0.1373

■ 13.3921, 0.1678,
0.1240

Harmonies

Analogous

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



65.0795, 0.2881, 0.3151



65.0795, 0.2923, 0.3086



65.0795, 0.3019, 0.3076

Triad

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



65.0795, 0.2923, 0.3086



65.0795, 0.3356, 0.3317



65.0795, 0.3105, 0.3469

Complementary

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



65.0795, 0.2923, 0.3086



71.1171, 0.3339, 0.3486

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.



65.0795, 0.3233, 0.3514



65.0795, 0.2923, 0.3086



65.0795, 0.3379, 0.3422

Square

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



65.0795, 0.2923, 0.3086



65.0795, 0.3270, 0.3208



65.0795, 0.3334, 0.3495



65.0795, 0.2985, 0.3374

Rectangle

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



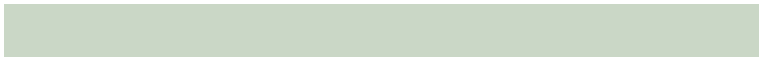
65.0795, 0.2923, 0.3086



65.0795, 0.3102, 0.3100



65.0795, 0.3334, 0.3495



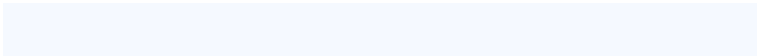
65.0795, 0.3148, 0.3491

Sweetspot

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



65.0822, 0.2923, 0.3086



94.2779, 0.3066, 0.3230



73.8996, 0.3003, 0.3430



19.9544, 0.3054, 0.3219



0.0000, 0.0000, 0.0000



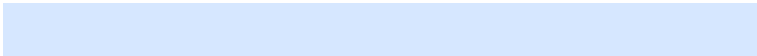
21.4041, 0.3127, 0.3290

Same Dimension

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



65.0822, 0.2923, 0.3086



78.4448, 0.2873, 0.3034



59.6422, 0.2937, 0.2948



14.8302, 0.2981, 0.3145



7.8071, 0.1686, 0.1269



0.7548, 0.1766, 0.1559

Inverse Universe

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



62.8793, 0.3274, 0.3159



75.1984, 0.3314, 0.3127



77.1661, 0.3304, 0.3614



14.4632, 0.3230, 0.3196



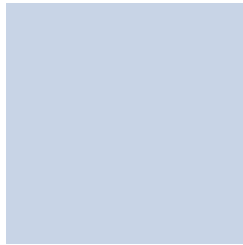
9.9858, 0.5370, 0.2732



0.7559, 0.4984, 0.2519

Previews

White Background



This preview shows how the Yxy color 65.0795, 0.2923, 0.3086 looks on a white background.

Color Contrast Check

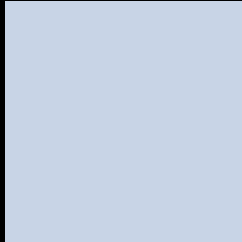
Large Text (above 18pt) WCAG AA × Fail

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 65.0795, 0.2923, 0.3086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

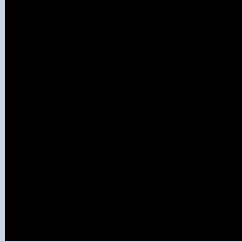
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

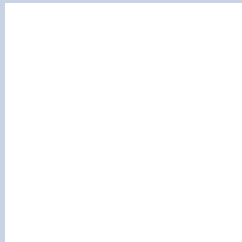
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.0795, 0.2923, 0.3086

Background



This preview shows how black text looks on a background with the Yxy color 65.0795, 0.2923, 0.3086.

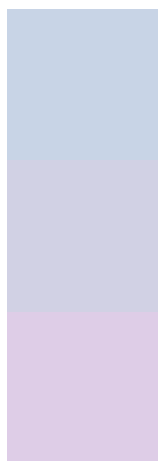


This preview shows how white text looks on a background with the Yxy color 65.0795, 0.2923, 0.3086.

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

65.0795, 0.2923, 0.3086

Protanopia

64.7577, 0.2999, 0.3077

Deuteranopia

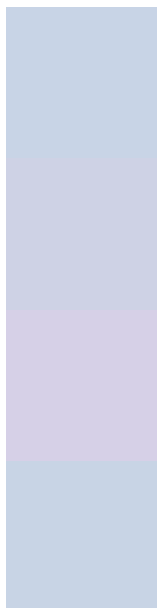
64.9618, 0.3073, 0.3008



Tritanopia

65.0235, 0.2929, 0.3097

Trichromacy



Original Color

65.0795, 0.2923, 0.3086

Protanomaly

64.8721, 0.2971, 0.3076

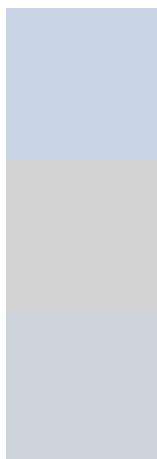
Deuteranomaly

65.1774, 0.3015, 0.3036

Tritanomaly

65.0235, 0.2929, 0.3097

Monochromacy



Original Color

65.0795, 0.2923, 0.3086

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.7201, 0.3050, 0.3221

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.0795, 0.2923, 0.3086 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(200, 212, 230)` looks like.

```
.text, #text, p{  
    color:rgb(200, 212, 230)  
}
```

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(200, 212, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 212, 230) }
```

Border

The CSS property to change the border of an element to Yxy 65.0795, 0.2923, 0.3086 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(200, 212, 230) }
```

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

```
.border{ border-color:rgb(200, 212, 230) }
```

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

Here you see how a box with a 4 pixel rgb(200, 212, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 212, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 212, 230);  
box-shadow:4px 4px 4px 4px rgb(200, 212,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 65.0795, 0.2923, 0.3086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 212, 230) }
```

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

```
.background{ background-color: rgb(200,  
212, 230) }
```

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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