

Converting Colors

$Yxy(65.1371, 0.2747, 0.3023)$

Have a look what the booklet for
Yxy(65.1371, 0.2747, 0.3023)
contains.

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Color

Yxy(65.1675, 0.2747, 0.3024)

Conversions

Conversions Part 1

Format	Color
Hex	B5D8EF
RGB	181, 216, 239
RGB Percent	71%, 85%, 94%
CMY	0.2901, 0.1530, 0.0627
CMYK	0.24, 0.10, 0.00, 0.06
HSL	204°, 64%, 82%
HSV	204°, 24%, 94%
XYZ	59.1981, 65.1675, 91.1354
YIQ	208.1570, -28.2430, -0.2670

Conversions

Conversions Part 2

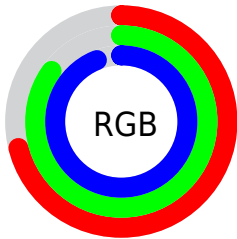
Format	Color
R _Y B	181, 203, 239
Decimal	11917551
CIE Lab	84.57, -6.49, -15.09
CIE LCh	85, 16.424, 246.715
Yxy	65.1675, 0.2747, 0.3024
Android (android.graphics.Color)	4290107631 (0xFFB5D8EF)
YUV	208.1570, 15.2056, -23.8167
Hunter-Lab	80.7264, -10.3739, -10.4265

Details

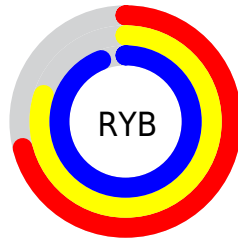
The Yxy color **65.1675, 0.2747, 0.3024** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **64.9009, 0.3577, 0.3542**, and the grayscale version is **63.1016, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9171, 0.3023, 0.3290**, and **33.4207, 0.2656, 0.2954** is the 20% darker color. If you saturate the color by 10%, you get **57.8012, 0.2590, 0.2896**, and if you desaturate by 10%, it is **73.3156, 0.2905, 0.3142**.

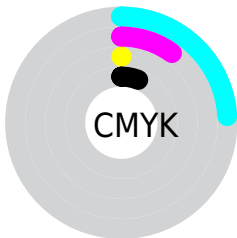
Distribution



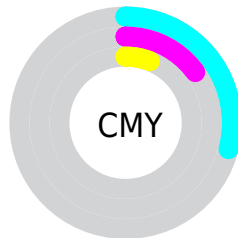
- Red (71%)
- Green (85%)
- Blue (94%)



- Red (71%)
- Yellow (80%)
- Blue (94%)



- Cyan (24%)
- Magenta (10%)
- Yellow (0%)
- Black (6%)



- Cyan (29%)
- Magenta (15%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.1675, 0.2747, 0.3024 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 65.1675, 0.2747, 0.3024 by changing the saturation by 10% instead.

■ 65.1675, 0.2747,
0.3024

■ 65.1675, 0.2747,
0.3024

■ 443.3936, 0.2924,
0.3151

■ 47.5969, 0.2706,
0.2994

■ 112.2906, 0.2809,
0.3069

■ 33.5078, 0.2656,
0.2957

■ 142.6120, 0.2833,
0.3086

■ 22.5157, 0.2592,
0.2909

■ 177.9524, 0.2853,
0.3100

■ 14.2363, 0.2508,
0.2846

■ 218.6962, 0.2871,
0.3113

■ 8.2852, 0.2394,
0.2758

■ 265.2278, 0.2887,
0.3124

■ 4.2780, 0.2230,
0.2628

■ 317.9317, 0.2901,

■ 1.8303, 0.1976,

0.3134

0.2419

377.1922, 0.2913,
0.3143

0.5059, 0.1246,
0.1956

0.0000, 0.0000,
0.0000

65.1675, 0.2747,
0.3024

65.1675, 0.2747,
0.3024

57.8012, 0.2590,
0.2896

73.3156, 0.2905,
0.3142

51.1787, 0.2439,
0.2757

82.2656, 0.3062,
0.3248

45.2704, 0.2296,
0.2611

92.0466, 0.3214,
0.3343

40.0409, 0.2167,
0.2458

98.3473, 0.3221,
0.3434

■ 35.4510, 0.2056,
0.2303

■ 99.0133, 0.3220,
0.3444

■ 31.4556, 0.1965,
0.2148

■ 28.0009, 0.1896,
0.1996

■ 26.2192, 0.1864,
0.1911

Harmonies

Analogous

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



65.1675, 0.2750, 0.3174



65.1675, 0.2747, 0.3024



65.1675, 0.2842, 0.2951

Triad

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



65.1675, 0.2747, 0.3024



65.1675, 0.3409, 0.3210



65.1675, 0.3231, 0.3641

Complementary

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



65.1675, 0.2747, 0.3024



64.9009, 0.3577, 0.3542

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.



65.1675, 0.3414, 0.3640



65.1675, 0.2747, 0.3024



65.1675, 0.3520, 0.3385

Square

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



65.1675, 0.2747, 0.3024



65.1675, 0.3222, 0.3059



65.1675, 0.3521, 0.3543



65.1675, 0.3025, 0.3539

Rectangle

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



65.1675, 0.2747, 0.3024



65.1675, 0.2950, 0.2951



65.1675, 0.3521, 0.3543



65.1675, 0.3297, 0.3652

Sweetspot

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



65.1701, 0.2747, 0.3024



92.3320, 0.3019, 0.3220



75.8964, 0.2967, 0.3707



19.6261, 0.3009, 0.3213



0.0000, 0.0000, 0.0000



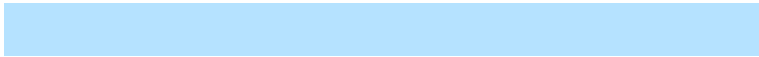
21.4041, 0.3127, 0.3290

Same Dimension

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



65.1701, 0.2747, 0.3024



71.2479, 0.2671, 0.2963



51.9373, 0.2718, 0.2685



16.8146, 0.2980, 0.3194



14.7498, 0.1871, 0.1935



1.4208, 0.1926, 0.2132

Inverse Universe

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



56.3700, 0.3337, 0.2916



59.7994, 0.3391, 0.2838



79.5486, 0.3509, 0.3831



15.9189, 0.3199, 0.3149



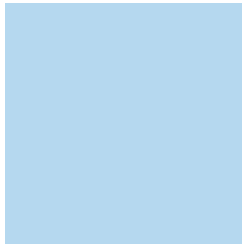
11.2824, 0.4527, 0.2268



0.9581, 0.4306, 0.2146

Previews

White Background



This preview shows how the Yxy color 65.1675, 0.2747, 0.3024 looks on a white background.

Color Contrast Check

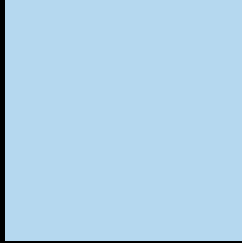
Large Text (above 18pt) WCAG AA × Fail

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 65.1675, 0.2747, 0.3024 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

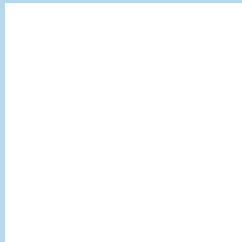
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.1675, 0.2747, 0.3024

Background



This preview shows how black text looks on a background with the Yxy color 65.1675, 0.2747, 0.3024.



This preview shows how white text looks on a background with the Yxy color 65.1675, 0.2747, 0.3024.

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

65.1675, 0.2747, 0.3024

Protanopia

64.8645, 0.2939, 0.3001

Deuteranopia

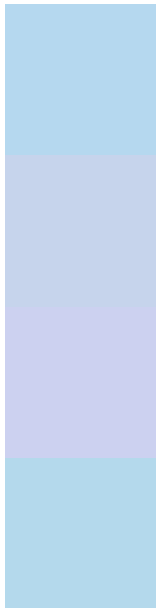
64.7652, 0.2970, 0.2900



Tritanopia

65.2695, 0.2770, 0.3092

Trichromacy



Original Color

65.1675, 0.2747, 0.3024

Protanomaly

65.1489, 0.2872, 0.3019

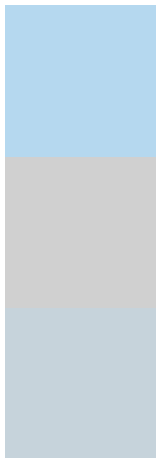
Deuteranomaly

64.7296, 0.2886, 0.2946

Tritanomaly

65.3851, 0.2759, 0.3069

Monochromacy



Original Color

65.1675, 0.2747, 0.3024

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.7088, 0.2979, 0.3197

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.1675, 0.2747, 0.3024 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(181, 216, 239)` looks like.

```
.text, #text, p{  
    color:rgb(181, 216, 239)  
}
```

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(181, 216, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 216, 239) }
```

Border

The CSS property to change the border of an element to Yxy 65.1675, 0.2747, 0.3024 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(181, 216, 239) }
```

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

```
.border{ border-color:rgb(181, 216, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 216, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 216, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 216, 239);  
box-shadow:4px 4px 4px 4px rgb(181, 216,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 65.1675, 0.2747, 0.3024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 216, 239) }
```

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

```
.background{ background-color: rgb(181,  
216, 239) }
```

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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