

Converting Colors

$Yxy(66.7301, 0.2714, 0.3030)$

Have a look what the booklet for
Yxy(66.7301, 0.2714, 0.3030)
contains.

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Color

Yxy(66.5388, 0.2715, 0.3025)

Conversions

Conversions Part 1

Format	Color
Hex	B2DBF2
RGB	178, 219, 242
RGB Percent	70%, 86%, 95%
CMY	0.3019, 0.1412, 0.0510
CMYK	0.26, 0.10, 0.00, 0.05
HSL	202°, 71%, 82%
HSV	202°, 26%, 95%
XYZ	59.7199, 66.5388, 93.7042
YIQ	209.3630, -31.8190, -1.5390

Conversions

Conversions Part 2

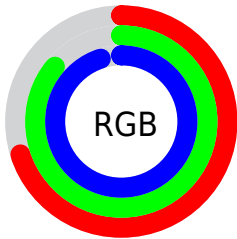
Format	Color
R _Y B	178, 203, 242
Decimal	11721714
CIE Lab	85.27, -8.26, -15.63
CIE LCh	85, 17.682, 242.147
Yxy	66.5388, 0.2715, 0.3025
Android (android.graphics.Color)	4289911794 (0xFFB2DBF2)
YUV	209.3630, 16.0900, -27.5054
Hunter-Lab	81.5713, -12.0665, -11.0089

Details

The Yxy color **66.5388, 0.2715, 0.3025** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **63.8715, 0.3633, 0.3540**, and the grayscale version is **63.9207, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4022, 0.3005, 0.3290**, and **34.3812, 0.2618, 0.2956** is the 20% darker color. If you saturate the color by 10%, you get **59.5057, 0.2562, 0.2907**, and if you desaturate by 10%, it is **74.3194, 0.2871, 0.3133**.

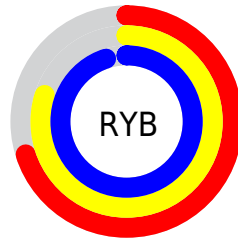
Distribution



Red (70%)

Green (86%)

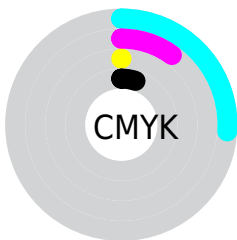
Blue (95%)



Red (70%)

Yellow (80%)

Blue (95%)

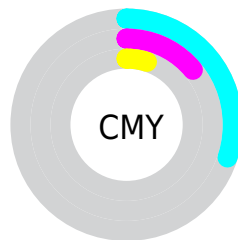


Cyan (26%)

Magenta (10%)

Yellow (0%)

Black (5%)



Cyan (30%)

Magenta (14%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.5388, 0.2715, 0.3025 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 66.5388, 0.2715, 0.3025 by changing the saturation by 10% instead.

■ 66.5388, 0.2715,
0.3025

■ 66.5388, 0.2715,
0.3025

448.3014, 0.2906,
0.3151

■ 48.7099, 0.2671,
0.2995

■ 114.2593, 0.2781,
0.3069

■ 34.3894, 0.2618,
0.2958

144.9197, 0.2807,
0.3087

■ 23.1929, 0.2549,
0.2911

180.6261, 0.2829,
0.3101

■ 14.7360, 0.2461,
0.2848

221.7629, 0.2849,
0.3114

■ 8.6343, 0.2340,
0.2761

268.7144, 0.2866,
0.3125

■ 4.5035, 0.2169,
0.2632

321.8650, 0.2881,

■ 1.9590, 0.1907,

0.3135

0.2425

381.5992, 0.2894,
0.3143

0.5835, 0.1224,
0.2023

0.0000, 0.0000,
0.0000

66.5388, 0.2715,
0.3025

66.5388, 0.2715,
0.3025

59.5057, 0.2562,
0.2907

74.3194, 0.2871,
0.3133

53.1820, 0.2416,
0.2781

82.8676, 0.3028,
0.3232

47.5377, 0.2281,
0.2648

92.2125, 0.3181,
0.3320

42.5370, 0.2161,
0.2510

98.4263, 0.3204,
0.3403

■ 38.1398, 0.2060,
0.2370

■ 99.1912, 0.3203,
0.3415

■ 34.2994, 0.1979,
0.2231

■ 30.9587, 0.1920,
0.2094

■ 29.8605, 0.1902,
0.2046

Harmonies

Analogous

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



66.5388, 0.2734, 0.3194



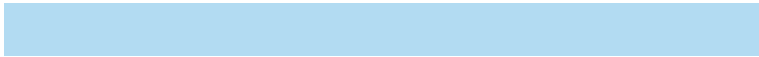
66.5388, 0.2715, 0.3025



66.5388, 0.2801, 0.2934

Triad

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



66.5388, 0.2715, 0.3025



66.5388, 0.3402, 0.3178



66.5388, 0.3270, 0.3673

Complementary

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



66.5388, 0.2715, 0.3025



63.8715, 0.3633, 0.3540

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.



66.5388, 0.3457, 0.3654



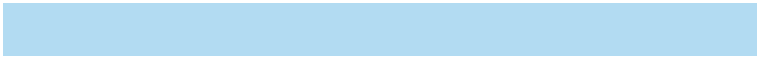
66.5388, 0.2715, 0.3025



66.5388, 0.3536, 0.3363

Square

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



66.5388, 0.2715, 0.3025



66.5388, 0.3194, 0.3024



66.5388, 0.3556, 0.3537



66.5388, 0.3050, 0.3580

Rectangle

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



66.5388, 0.2715, 0.3025



66.5388, 0.2909, 0.2924



66.5388, 0.3556, 0.3537



66.5388, 0.3339, 0.3679

Sweetspot

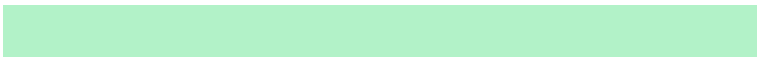
The Sweet Spot groups the original color and five complimentary colors.



66.5415, 0.2715, 0.3025



91.7446, 0.3003, 0.3217



77.1632, 0.2965, 0.3776



19.3187, 0.2980, 0.3202



0.0000, 0.0000, 0.0000



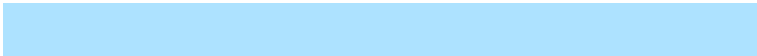
21.4041, 0.3127, 0.3290

Same Dimension

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



66.5415, 0.2715, 0.3025



70.3632, 0.2628, 0.2960



51.6758, 0.2679, 0.2647



16.9176, 0.2980, 0.3203



16.3084, 0.1908, 0.2069



1.5444, 0.1958, 0.2248

Inverse Universe

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



55.8367, 0.3341, 0.2856



56.7737, 0.3400, 0.2760



80.0355, 0.3551, 0.3860



15.9293, 0.3193, 0.3140



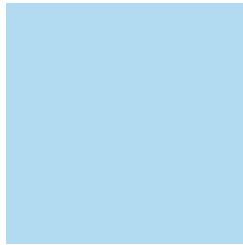
11.4397, 0.4376, 0.2184



0.9706, 0.4181, 0.2077

Previews

White Background



This preview shows how the Yxy color 66.5388, 0.2715, 0.3025 looks on a white background.

Color Contrast Check

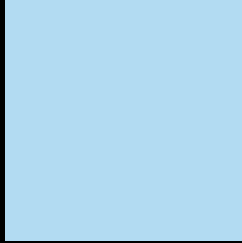
Large Text (above 18pt) WCAG AA × Fail

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 66.5388, 0.2715, 0.3025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

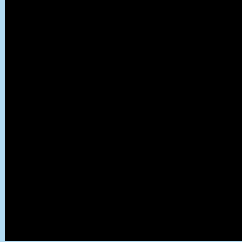
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.5388, 0.2715, 0.3025

Background



This preview shows how black text looks on a background with the Yxy color 66.5388, 0.2715, 0.3025.



This preview shows how white text looks on a background with the Yxy color 66.5388, 0.2715, 0.3025.

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

66.5388, 0.2715, 0.3025

Protanopia

66.2583, 0.2941, 0.3003

Deuteranopia

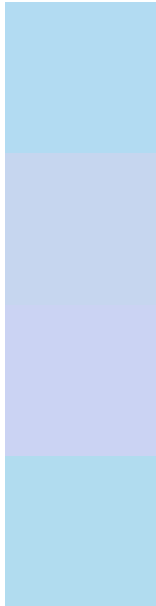
66.0627, 0.2958, 0.2892



Tritanopia

66.6479, 0.2738, 0.3092

Trichromacy



Original Color

66.5388, 0.2715, 0.3025

Protanomaly

66.3309, 0.2855, 0.3010

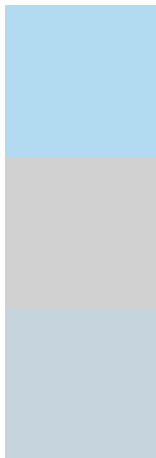
Deuteranomaly

65.7561, 0.2862, 0.2936

Tritanomaly

66.7655, 0.2727, 0.3070

Monochromacy



Original Color

66.5388, 0.2715, 0.3025

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.8147, 0.2967, 0.3198

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.5388, 0.2715, 0.3025 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(178, 219, 242)` looks like.

```
.text, #text, p{  
    color:rgb(178, 219, 242)  
}
```

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(178, 219, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 219, 242) }
```

Border

The CSS property to change the border of an element to Yxy 66.5388, 0.2715, 0.3025 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(178, 219, 242) }
```

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

```
.border{ border-color:rgb(178, 219, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 219, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 219, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 219, 242);  
box-shadow:4px 4px 4px 4px rgb(178, 219,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 66.5388, 0.2715, 0.3025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 219, 242) }
```

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

```
.background{ background-color: rgb(178,  
219, 242) }
```

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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