

Converting Colors

Yxy(64.8323, 0.2718, 0.3083)

Have a look what the booklet for
Yxy(64.8323, 0.2718, 0.3083)
contains.

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Color

Yxy(65.0252, 0.2723, 0.3090)

Conversions

Conversions Part 1

Format	Color
Hex	ADDAEB
RGB	173, 218, 235
RGB Percent	68%, 85%, 92%
CMY	0.3214, 0.1451, 0.0785
CMYK	0.26, 0.07, 0.00, 0.08
HSL	196°, 61%, 80%
HSV	196°, 26%, 92%
XYZ	57.3021, 65.0252, 88.1102
YIQ	206.4830, -32.2770, -4.2530

Conversions

Conversions Part 2

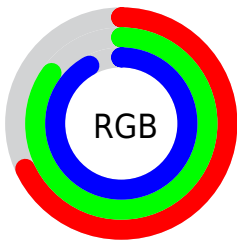
Format	Color
RYB	173, 199, 235
Decimal	11393771
CIELab	84.50, -10.79, -13.10
CIElCh	84, 16.971, 230.544
Yxy	65.0252, 0.2723, 0.3090
Android (android.graphics.Color)	4289583851 (0xFFADDAEB)
YUV	206.4830, 14.0589, -29.3646
Hunter-Lab	80.6382, -14.2734, -8.3371

Details

The Yxy color **65.0252, 0.2723, 0.3090** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.5067, 0.3645, 0.3481**, and the grayscale version is **61.9749, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5630, 0.2976, 0.3290**, and **33.3710, 0.2627, 0.3040** is the 20% darker color. If you saturate the color by 10%, you get **59.3045, 0.2577, 0.3002**, and if you desaturate by 10%, it is **71.3520, 0.2875, 0.3172**.

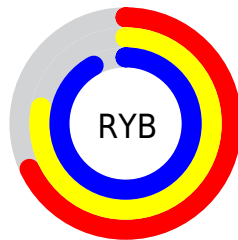
Distribution



Red (68%)

Green (85%)

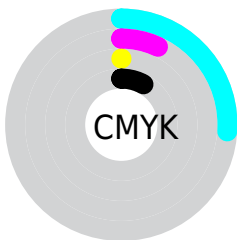
Blue (92%)



Red (68%)

Yellow (78%)

Blue (92%)

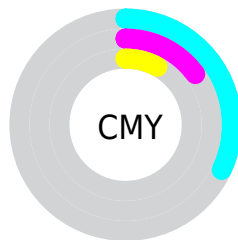


Cyan (26%)

Magenta (7%)

Yellow (0%)

Black (8%)



Cyan (32%)

Magenta (15%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.0252, 0.2723, 0.3090 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 65.0252, 0.2723, 0.3090 by changing the saturation by 10% instead.

■ 65.0252, 0.2723,
0.3090

■ 65.0252, 0.2723,
0.3090

442.8825, 0.2911,
0.3187

■ 47.4815, 0.2680,
0.3067

■ 112.0861, 0.2788,
0.3124

■ 33.4165, 0.2626,
0.3038

142.3721, 0.2814,
0.3138

■ 22.4457, 0.2559,
0.3000

177.6743, 0.2836,
0.3149

■ 14.1847, 0.2470,
0.2950

218.3771, 0.2855,
0.3158

■ 8.2493, 0.2349,
0.2878

264.8650, 0.2871,
0.3167

■ 4.2549, 0.2175,
0.2771

317.5222, 0.2886,

■ 1.8171, 0.1906,

0.3174

0.2592

376.7333, 0.2899,
0.3181

0.4978, 0.0931,
0.2208

0.0000, 0.0000,
0.0000

65.0252, 0.2723,
0.3090

65.0252, 0.2723,
0.3090

59.3045, 0.2577,
0.3002

71.3520, 0.2875,
0.3172

54.1560, 0.2441,
0.2908

78.3013, 0.3029,
0.3246

49.5538, 0.2317,
0.2809

85.8985, 0.3183,
0.3314

45.4666, 0.2210,
0.2707

91.8135, 0.3255,
0.3376

■ 41.8592, 0.2121,
0.2603

■ 95.7518, 0.3249,
0.3438

■ 38.6906, 0.2053,
0.2499

■ 98.7769, 0.3244,
0.3483

■ 35.9098, 0.2004,
0.2396

■ 34.9648, 0.1989,
0.2359

Harmonies

Analogous

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



65.0252, 0.2781, 0.3274



65.0252, 0.2723, 0.3090



65.0252, 0.2768, 0.2969

Triad

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



65.0252, 0.2723, 0.3090



65.0252, 0.3321, 0.3118



65.0252, 0.3343, 0.3666

Complementary

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



65.0252, 0.2723, 0.3090



57.5067, 0.3645, 0.3481

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.



65.0252, 0.3496, 0.3608



65.0252, 0.2723, 0.3090



65.0252, 0.3484, 0.3290

Square

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



65.0252, 0.2723, 0.3090



65.0252, 0.3108, 0.2990



65.0252, 0.3549, 0.3468



65.0252, 0.3135, 0.3617

Rectangle

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



65.0252, 0.2723, 0.3090



65.0252, 0.2851, 0.2936



65.0252, 0.3549, 0.3468



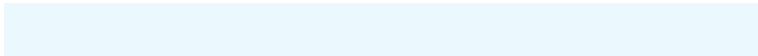
65.0252, 0.3403, 0.3658

Sweetspot

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



65.0278, 0.2723, 0.3090



92.8188, 0.3003, 0.3234



71.9896, 0.2996, 0.3838



19.5901, 0.2980, 0.3223



0.0000, 0.0000, 0.0000



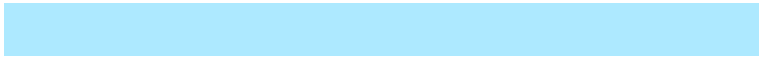
21.4041, 0.3127, 0.3290

Same Dimension

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



65.0278, 0.2723, 0.3090



74.2226, 0.2638, 0.3040



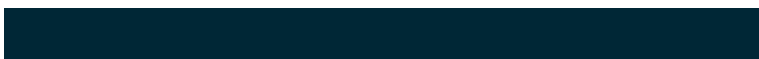
50.6313, 0.2687, 0.2716



16.3832, 0.2981, 0.3224



19.6874, 0.1993, 0.2375



1.7049, 0.2033, 0.2517

Inverse Universe

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



52.6192, 0.3296, 0.2803



57.1633, 0.3342, 0.2694



72.1382, 0.3562, 0.3805



15.2392, 0.3180, 0.3121



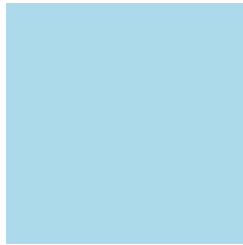
11.4803, 0.4048, 0.2004



0.9175, 0.3905, 0.1925

Previews

White Background



This preview shows how the Yxy color 65.0252, 0.2723, 0.3090 looks on a white background.

Color Contrast Check

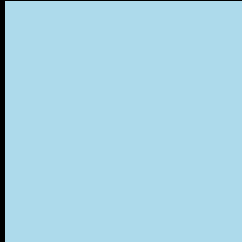
Large Text (above 18pt) WCAG AA × Fail

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 65.0252, 0.2723, 0.3090 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

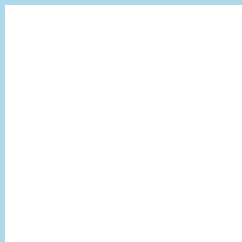
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.0252, 0.2723, 0.3090

Background



This preview shows how black text looks on a background with the Yxy color 65.0252, 0.2723, 0.3090.

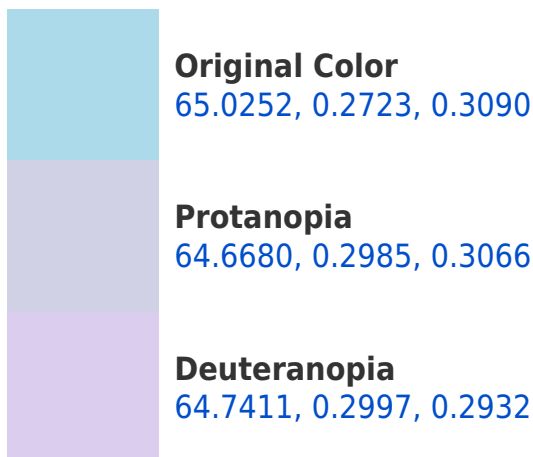


This preview shows how white text looks on a background with the Yxy color 65.0252, 0.2723, 0.3090.

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

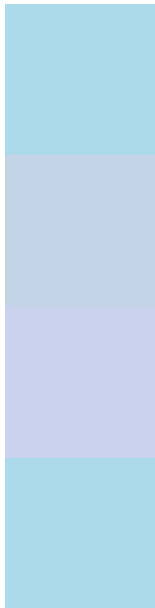




Tritanopia

65.0252, 0.2723, 0.3090

Trichromacy



Original Color

65.0252, 0.2723, 0.3090

Protanomaly

64.4586, 0.2883, 0.3073

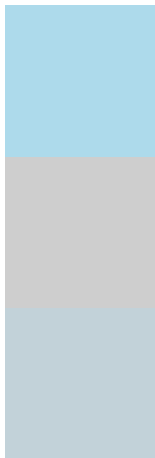
Deuteranomaly

64.7642, 0.2892, 0.2988

Tritanomaly

65.0252, 0.2723, 0.3090

Monochromacy



Original Color

65.0252, 0.2723, 0.3090

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.5723, 0.2964, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.0252, 0.2723, 0.3090 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(173, 218, 235)` looks like.

```
.text, #text, p{  
    color:rgb(173, 218, 235)  
}
```

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(173, 218, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 218, 235) }
```

Border

The CSS property to change the border of an element to Yxy 65.0252, 0.2723, 0.3090 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(173, 218, 235) }
```

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

```
.border{ border-color:rgb(173, 218, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 218, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 218, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 218, 235);  
box-shadow:4px 4px 4px 4px rgb(173, 218,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 65.0252, 0.2723, 0.3090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 218, 235) }
```

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

```
.background{ background-color: rgb(173,  
218, 235) }
```

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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