

Converting Colors

$Yxy(76.1308, 0.2867, 0.3058)$

Have a look what the booklet for
Yxy(76.1308, 0.2867, 0.3058)
contains.

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Color

Yxy(75.9442, 0.2868, 0.3055)

Conversions

Conversions Part 1

Format	Color
Hex	D1E4FA
RGB	209, 228, 250
RGB Percent	82%, 89%, 98%
CMY	0.1804, 0.1059, 0.0196
CMYK	0.16, 0.09, 0.00, 0.02
HSL	212°, 80%, 90%
HSV	212°, 16%, 98%
XYZ	71.2956, 75.9442, 101.3501
YIQ	224.8270, -18.3860, 2.8140

Conversions

Conversions Part 2

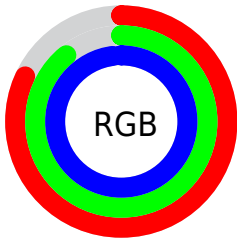
Format	Color
R _{YB}	209, 222, 250
Decimal	13755642
CIE _{Lab}	89.83, -1.88, -12.81
CIE _{LCh}	90, 12.942, 261.663
Yxy	75.9442, 0.2868, 0.3055
Android (android.graphics.Color)	4291945722 (0xFFD1E4FA)
YUV	224.8270, 12.4103, -13.8803
Hunter-Lab	87.1460, -6.4716, -7.9516

Details

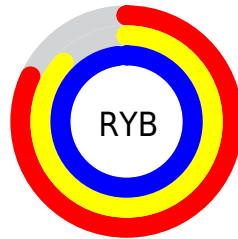
The Yxy color `75.9442, 0.2868, 0.3055` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `82.0906, 0.3404, 0.3514`, and the grayscale version is `75.0865, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `40.6522, 0.2804, 0.2999` is the 20% darker color. If you saturate the color by 10%, you get `65.4827, 0.2702, 0.2890`, and if you desaturate by 10%, it is `87.5573, 0.3028, 0.3204`.

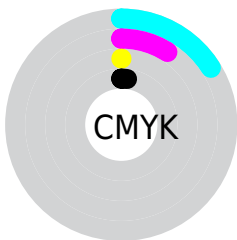
Distribution



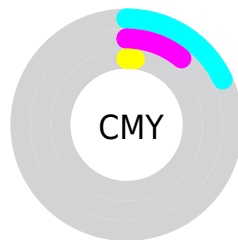
- Red (82%)
- Green (89%)
- Blue (98%)



- Red (82%)
- Yellow (87%)
- Blue (98%)



- Cyan (16%)
- Magenta (9%)
- Yellow (0%)
- Black (2%)



- Cyan (18%)
- Magenta (11%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.9442, 0.2868, 0.3055 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 75.9442, 0.2868, 0.3055 by changing the saturation by 10% instead.

■ 75.9442, 0.2868,
0.3055

■ 75.9442, 0.2868,
0.3055

481.1567, 0.2986,
0.3163

■ 56.3868, 0.2841,
0.3031

127.6480, 0.2909,
0.3092

■ 40.5131, 0.2809,
0.3001

160.5632, 0.2925,
0.3107

■ 27.9388, 0.2768,
0.2963

198.6997, 0.2938,
0.3119

■ 18.2795, 0.2715,
0.2914

242.4420, 0.2950,
0.3130

■ 11.1509, 0.2643,
0.2847

292.1745, 0.2961,
0.3140

■ 6.1684, 0.2543,
0.2753

348.2815, 0.2970,

■ 2.9478, 0.2391,

0.3148

0.2609

411.1474, 0.2979,
0.3156

1.1045, 0.2137,
0.2366

0.0000, 0.0000,
0.0000

75.9442, 0.2868,
0.3055

75.9442, 0.2868,
0.3055

65.4827, 0.2702,
0.2890

87.5573, 0.3028,
0.3204

56.1238, 0.2534,
0.2710

99.5814, 0.3156,
0.3336

47.8286, 0.2367,
0.2515

99.6827, 0.3156,
0.3338

40.5519, 0.2208,
0.2310

■ 34.2443, 0.2062,
0.2099

■ 28.8514, 0.1934,
0.1887

■ 24.3113, 0.1830,
0.1682

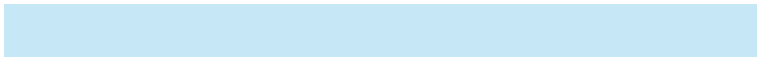
■ 20.5498, 0.1753,
0.1491

■ 19.3509, 0.1729,
0.1425

Harmonies

Analogous

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



75.9442, 0.2832, 0.3143



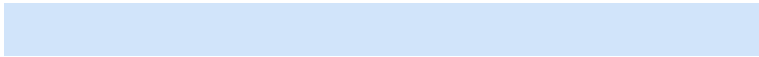
75.9442, 0.2868, 0.3055



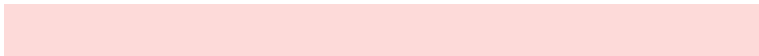
75.9442, 0.2972, 0.3031

Triad

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



75.9442, 0.2868, 0.3055



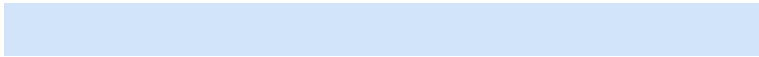
75.9442, 0.3388, 0.3297



75.9442, 0.3128, 0.3521

Complementary

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



75.9442, 0.2868, 0.3055



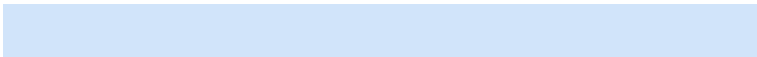
82.0906, 0.3404, 0.3514

Split Complementary

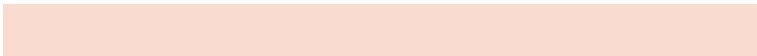
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.9442, 0.3279, 0.3561



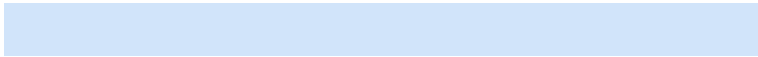
75.9442, 0.2868, 0.3055



75.9442, 0.3432, 0.3426

Square

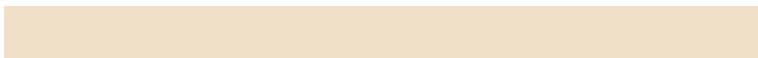
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.9442, 0.2868, 0.3055



75.9442, 0.3273, 0.3169



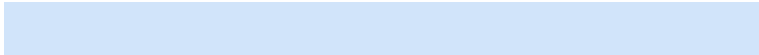
75.9442, 0.3391, 0.3524



75.9442, 0.2980, 0.3415

Rectangle

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



75.9442, 0.2868, 0.3055



75.9442, 0.3068, 0.3052



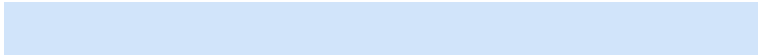
75.9442, 0.3391, 0.3524



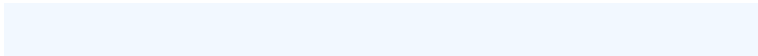
75.9442, 0.3181, 0.3543

Sweetspot

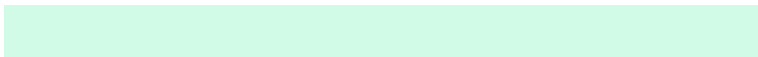
The Sweet Spot groups the original color and five complimentary colors.



75.9473, 0.2868, 0.3055



93.3725, 0.3050, 0.3223



87.6962, 0.2983, 0.3493



19.7916, 0.3039, 0.3213



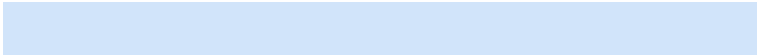
0.0000, 0.0000, 0.0000



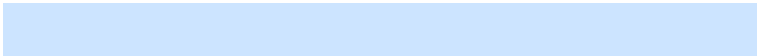
21.4041, 0.3127, 0.3290

Same Dimension

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



75.9473, 0.2868, 0.3055



75.3383, 0.2808, 0.2997



66.2649, 0.2868, 0.2847



17.9683, 0.2980, 0.3159



10.5447, 0.1738, 0.1455



1.1863, 0.1800, 0.1680

Inverse Universe

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



71.5326, 0.3301, 0.3097



70.0264, 0.3347, 0.3052



93.0552, 0.3365, 0.3700



17.3590, 0.3221, 0.3181



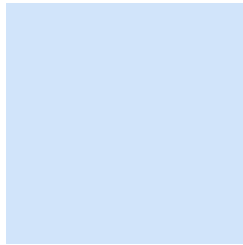
11.4754, 0.5118, 0.2593



1.0840, 0.4832, 0.2435

Previews

White Background



This preview shows how the Yxy color 75.9442, 0.2868, 0.3055 looks on a white background.

Color Contrast Check

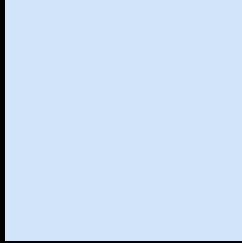
Large Text (above 18pt) WCAG AA × Fail

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 75.9442, 0.2868, 0.3055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

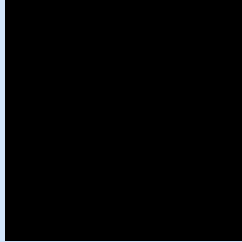
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

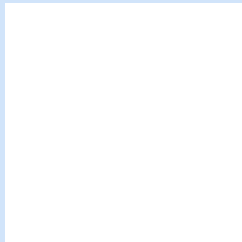
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.9442, 0.2868, 0.3055

Background



This preview shows how black text looks on a background with the Yxy color 75.9442, 0.2868, 0.3055.



This preview shows how white text looks on a background with the Yxy color 75.9442, 0.2868, 0.3055.

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

75.9442, 0.2868, 0.3055

Protanopia

75.7766, 0.2969, 0.3039

Deuteranopia

75.8768, 0.3025, 0.2964



Tritanopia

76.1639, 0.2879, 0.3097

Trichromacy



Original Color

75.9442, 0.2868, 0.3055

Protanomaly

75.5954, 0.2930, 0.3037

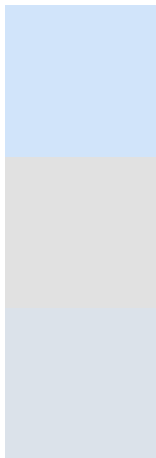
Deuteranomaly

75.9091, 0.2971, 0.3000

Tritanomaly

76.2258, 0.2874, 0.3086

Monochromacy



Original Color

75.9442, 0.2868, 0.3055

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.3933, 0.3029, 0.3204

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.9442, 0.2868, 0.3055 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(209, 228, 250)` looks like.

```
.text, #text, p{  
    color:rgb(209, 228, 250)  
}
```

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(209, 228, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 228, 250) }
```

Border

The CSS property to change the border of an element to Yxy 75.9442, 0.2868, 0.3055 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(209, 228, 250) }
```

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

```
.border{ border-color:rgb(209, 228, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 228, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 228, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 228, 250);  
box-shadow:4px 4px 4px 4px rgb(209, 228,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 75.9442, 0.2868, 0.3055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 228, 250) }
```

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

```
.background{ background-color: rgb(209,  
228, 250) }
```

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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