

Converting Colors

$Yxy(73.7513, 0.2870, 0.3014)$

Have a look what the booklet for
Yxy(73.7513, 0.2870, 0.3014)
contains.

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Color

Yxy(73.7687, 0.2866, 0.3012)

Conversions

Conversions Part 1

Format	Color
Hex	D1E0FA
RGB	209, 224, 250
RGB Percent	82%, 88%, 98%
CMY	0.1805, 0.1215, 0.0197
CMYK	0.16, 0.10, 0.00, 0.02
HSL	218°, 80%, 90%
HSV	218°, 16%, 98%
XYZ	70.1929, 73.7687, 100.9544
YIQ	222.4790, -17.2860, 4.9060

Conversions

Conversions Part 2

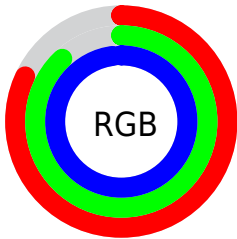
Format	Color
R_{YB}	209, 220, 250
Decimal	13754618
CIE _{Lab}	88.81, 0.17, -14.31
CIE _{LCh}	89, 14.311, 270.670
Yxy	73.7687, 0.2866, 0.3012
Android (android.graphics.Color)	4291944698 (0xFFD1E0FA)
YUV	222.4790, 13.5679, -11.8211
Hunter-Lab	85.8887, -4.4253, -9.5679

Details

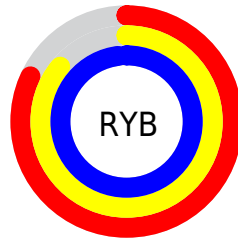
The Yxy color **73.7687, 0.2866, 0.3012** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.2857, 0.3398, 0.3553**, and the grayscale version is **73.3113, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.1410, 0.2800, 0.2942** is the 20% darker color. If you saturate the color by 10%, you get **62.2961, 0.2695, 0.2816**, and if you desaturate by 10%, it is **86.6104, 0.3029, 0.3188**.

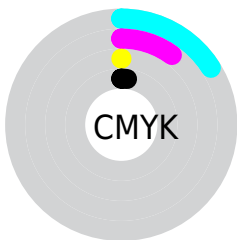
Distribution



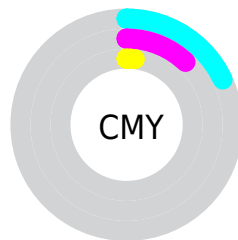
- Red (82%)
- Green (88%)
- Blue (98%)



- Red (82%)
- Yellow (86%)
- Blue (98%)



- Cyan (16%)
- Magenta (10%)
- Yellow (0%)
- Black (2%)



- Cyan (18%)
- Magenta (12%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.7687, 0.2866, 0.3012 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 73.7687, 0.2866, 0.3012 by changing the saturation by 10% instead.

■ 73.7687, 0.2866,
0.3012

■ 73.7687, 0.2866,
0.3012

473.6747, 0.2986,
0.3140

■ 54.6047, 0.2839,
0.2983

124.5679, 0.2907,
0.3056

■ 39.0854, 0.2805,
0.2948

156.9719, 0.2924,
0.3073

■ 26.8261, 0.2763,
0.2903

194.5580, 0.2938,
0.3088

■ 17.4427, 0.2709,
0.2845

237.7107, 0.2950,
0.3101

■ 10.5506, 0.2635,
0.2767

286.8143, 0.2960,
0.3112

■ 5.7655, 0.2531,
0.2656

342.2533, 0.2970,

■ 2.7030, 0.2371,

0.3123

0.2487

404.4119, 0.2978,
0.3132

0.9787, 0.2102,
0.2201

0.0000, 0.0000,
0.0000

73.7687, 0.2866,
0.3012

73.7687, 0.2866,
0.3012

62.2961, 0.2695,
0.2816

86.6104, 0.3029,
0.3188

52.1355, 0.2518,
0.2601

99.6801, 0.3156,
0.3338

43.2387, 0.2341,
0.2370

35.5509, 0.2169,
0.2127

■ 29.0127, 0.2009,
0.1879

■ 23.5588, 0.1869,
0.1636

■ 19.1153, 0.1756,
0.1407

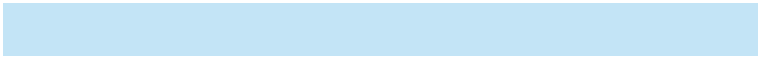
■ 15.5952, 0.1673,
0.1204

■ 14.5173, 0.1649,
0.1137

Harmonies

Analogous

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



73.7687, 0.2802, 0.3089



73.7687, 0.2866, 0.3012



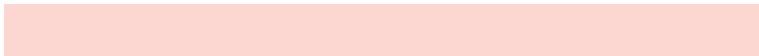
73.7687, 0.3000, 0.3008

Triad

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



73.7687, 0.2866, 0.3012



73.7687, 0.3443, 0.3342



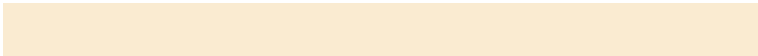
73.7687, 0.3076, 0.3520

Complementary

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



73.7687, 0.2866, 0.3012



84.2857, 0.3398, 0.3553

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.



73.7687, 0.3249, 0.3589



73.7687, 0.2866, 0.3012



73.7687, 0.3464, 0.3480

Square

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



73.7687, 0.2866, 0.3012



73.7687, 0.3335, 0.3195



73.7687, 0.3391, 0.3572



73.7687, 0.2921, 0.3384

Rectangle

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



73.7687, 0.2866, 0.3012



73.7687, 0.3113, 0.3046



73.7687, 0.3391, 0.3572



73.7687, 0.3134, 0.3552

Sweetspot

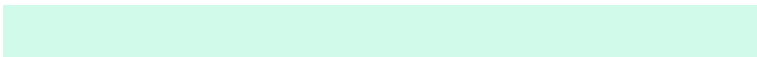
The Sweet Spot groups the original color and five complimentary colors.



73.7717, 0.2866, 0.3012



92.6212, 0.3050, 0.3211



87.8562, 0.2964, 0.3456



19.6092, 0.3039, 0.3199



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.



73.7717, 0.2866, 0.3012



72.6867, 0.2805, 0.2943



66.7408, 0.2891, 0.2850



17.6867, 0.2979, 0.3136



7.9529, 0.1658, 0.1167



0.9311, 0.1723, 0.1403

Inverse Universe

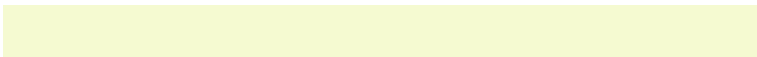
The Inverse Universe completely reimagines the original color for something new.



71.2836, 0.3329, 0.3137



69.7587, 0.3384, 0.3101



92.3987, 0.3342, 0.3703



17.3306, 0.3236, 0.3203



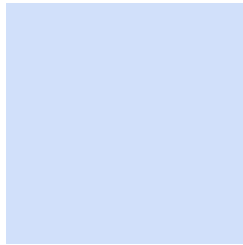
11.2137, 0.5514, 0.2811



1.0582, 0.5187, 0.2631

Previews

White Background



This preview shows how the Yxy color 73.7687, 0.2866, 0.3012 looks on a white background.

Color Contrast Check

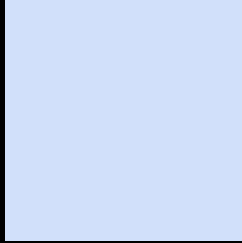
Large Text (above 18pt) WCAG AA × Fail

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 73.7687, 0.2866, 0.3012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

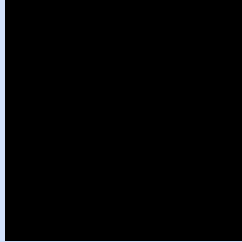
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

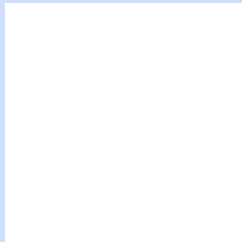
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.7687, 0.2866, 0.3012

Background



This preview shows how black text looks on a background with the Yxy color 73.7687, 0.2866, 0.3012.

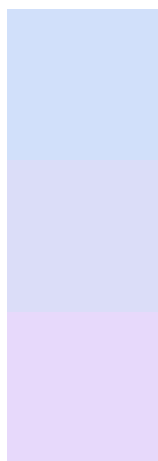


This preview shows how white text looks on a background with the Yxy color 73.7687, 0.2866, 0.3012.

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

73.7687, 0.2866, 0.3012

Protanopia

73.5503, 0.2942, 0.3005

Deuteranopia

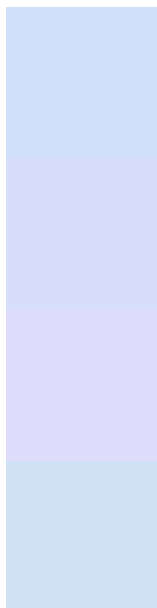
73.5797, 0.3004, 0.2940



Tritanopia

73.7314, 0.2901, 0.3095

Trichromacy



Original Color

73.7687, 0.2866, 0.3012

Protanomaly

73.5292, 0.2910, 0.3003

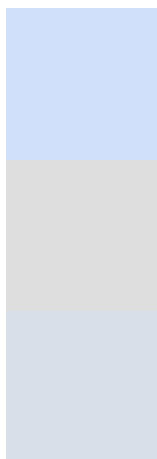
Deuteranomaly

73.8394, 0.2950, 0.2966

Tritanomaly

73.9141, 0.2884, 0.3063

Monochromacy



Original Color

73.7687, 0.2866, 0.3012

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.3533, 0.3028, 0.3193

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.7687, 0.2866, 0.3012 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, 224, 250)` looks like.

```
.text, #text, p{  
    color:rgb(209, 224, 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, 224, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 224, 250) }
```

Border

The CSS property to change the border of an element to Yxy 73.7687, 0.2866, 0.3012 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, 224, 250) }
```

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

```
.border{ border-color:rgb(209, 224, 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, 224, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 224, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 224, 250);  
box-shadow:4px 4px 4px 4px rgb(209, 224,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 73.7687, 0.2866, 0.3012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 224, 250) }
```

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

```
.background{ background-color: rgb(209,  
224, 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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