

Converting Colors

$Yxy(76.6325, 0.2887, 0.3061)$

Have a look what the booklet for
Yxy(76.6325, 0.2887, 0.3061)
contains.

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Color

Yxy(76.3860, 0.2887, 0.3056)

Conversions

Conversions Part 1

Format	Color
Hex	D4E4FA
RGB	212, 228, 250
RGB Percent	83%, 89%, 98%
CMY	0.1685, 0.1059, 0.0195
CMYK	0.15, 0.09, 0.00, 0.02
HSL	215°, 79%, 91%
HSV	215°, 15%, 98%
XYZ	72.1618, 76.3860, 101.4064
YIQ	225.7240, -16.5980, 3.4500

Conversions

Conversions Part 2

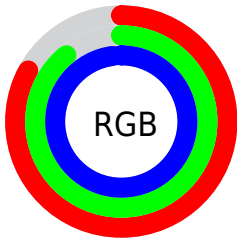
Format	Color
R _Y B	212, 223, 250
Decimal	13952250
CIE Lab	90.04, -0.93, -12.49
CIE LCh	90, 12.523, 265.755
Yxy	76.3860, 0.2887, 0.3056
Android (android.graphics.Color)	4292142330 (0xFFD4E4FA)
YUV	225.7240, 11.9681, -12.0359
Hunter-Lab	87.3991, -5.5684, -7.6130

Details

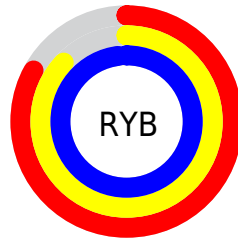
The Yxy color `76.3860, 0.2887, 0.3056` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `83.9754, 0.3379, 0.3513`, and the grayscale version is `75.7717, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `40.9503, 0.2828, 0.3001` is the 20% darker color. If you saturate the color by 10%, you get `65.3073, 0.2719, 0.2879`, and if you desaturate by 10%, it is `88.7160, 0.3047, 0.3215`.

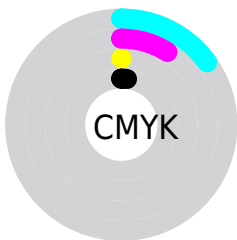
Distribution



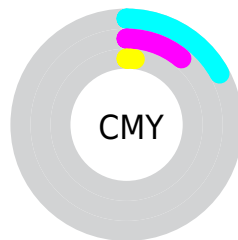
- Red (83%)
- Green (89%)
- Blue (98%)



- Red (83%)
- Yellow (87%)
- Blue (98%)



- Cyan (15%)
- Magenta (9%)
- Yellow (0%)
- Black (2%)



- Cyan (17%)
- Magenta (11%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.3860, 0.2887, 0.3056 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 76.3860, 0.2887, 0.3056 by changing the saturation by 10% instead.

■ 76.3860, 0.2887,
0.3056

■ 76.3860, 0.2887,
0.3056

482.6680, 0.2997,
0.3163

■ 56.7491, 0.2862,
0.3032

128.2724, 0.2925,
0.3093

■ 40.8038, 0.2832,
0.3002

161.2907, 0.2939,
0.3107

■ 28.1658, 0.2794,
0.2965

199.5382, 0.2952,
0.3120

■ 18.4507, 0.2745,
0.2916

243.3993, 0.2963,
0.3131

■ 11.2740, 0.2679,
0.2851

293.2584, 0.2973,
0.3140

■ 6.2515, 0.2585,
0.2759

349.5000, 0.2982,

■ 2.9986, 0.2444,

0.3149

0.2618

412.5084, 0.2990,
0.3156

■ 1.1310, 0.2207,
0.2380

■ 0.0042, 0.0000,
0.0048

■ 76.3860, 0.2887,
0.3056

■ 76.3860, 0.2887,
0.3056

■ 65.3073, 0.2719,
0.2879

■ 88.7160, 0.3047,
0.3215

■ 55.4277, 0.2548,
0.2685

■ 99.6840, 0.3156,
0.3337

■ 46.7048, 0.2376,
0.2476

■ 39.0899, 0.2210,
0.2254

■ 32.5304, 0.2055,
0.2026

■ 26.9679, 0.1919,
0.1799

■ 22.3371, 0.1808,
0.1581

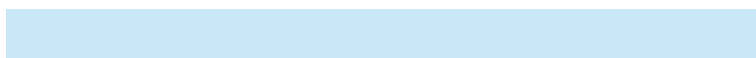
■ 18.5606, 0.1724,
0.1379

■ 17.0038, 0.1692,
0.1289

Harmonies

Analogous

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



76.3860, 0.2842, 0.3133



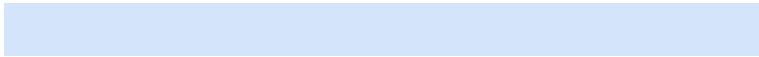
76.3860, 0.2887, 0.3056



76.3860, 0.2995, 0.3041

Triad

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



76.3860, 0.2887, 0.3056



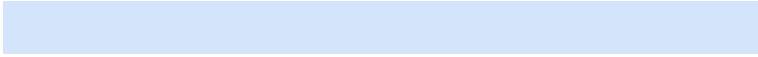
76.3860, 0.3389, 0.3314



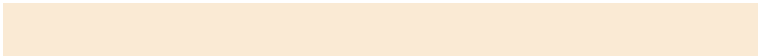
76.3860, 0.3108, 0.3503

Complementary

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



76.3860, 0.2887, 0.3056



83.9754, 0.3379, 0.3513

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.



76.3860, 0.3256, 0.3551



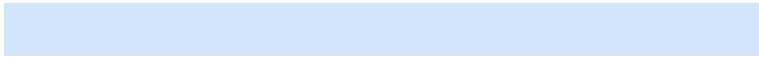
76.3860, 0.2887, 0.3056



76.3860, 0.3421, 0.3437

Square

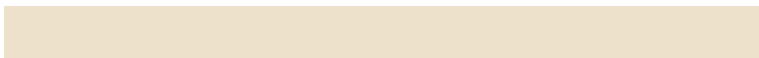
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.3860, 0.2887, 0.3056



76.3860, 0.3286, 0.3189



76.3860, 0.3371, 0.3525



76.3860, 0.2968, 0.3393

Rectangle

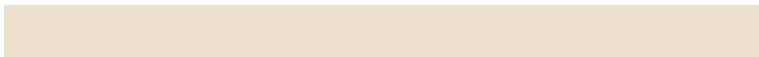
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



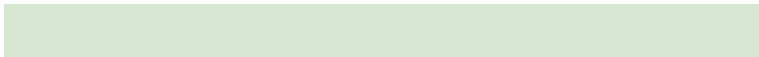
76.3860, 0.2887, 0.3056



76.3860, 0.3091, 0.3067



76.3860, 0.3371, 0.3525



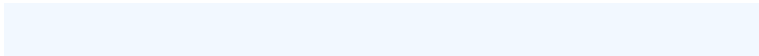
76.3860, 0.3158, 0.3527

Sweetspot

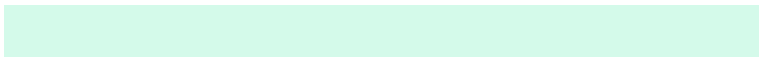
The Sweet Spot groups the original color and five complimentary colors.



76.3892, 0.2887, 0.3056



93.0328, 0.3050, 0.3217



88.3085, 0.2986, 0.3463



19.7091, 0.3039, 0.3207



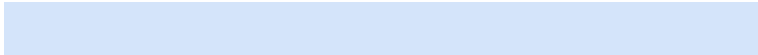
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



76.3892, 0.2887, 0.3056



76.4820, 0.2840, 0.3008



68.3936, 0.2897, 0.2884



17.8407, 0.2979, 0.3149



9.2866, 0.1700, 0.1319



1.0645, 0.1765, 0.1552

Inverse Universe

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



73.0376, 0.3298, 0.3128



72.5322, 0.3336, 0.3097



93.0099, 0.3339, 0.3670



17.3461, 0.3228, 0.3191



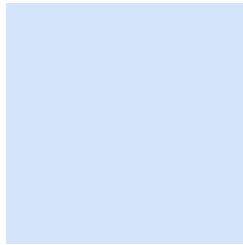
11.3484, 0.5300, 0.2693



1.0717, 0.4992, 0.2524

Previews

White Background



This preview shows how the Yxy color 76.3860, 0.2887, 0.3056 looks on a white background.

Color Contrast Check

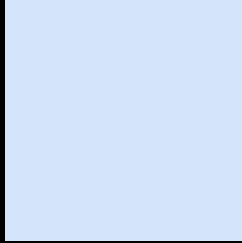
Large Text (above 18pt) WCAG AA × Fail

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 76.3860, 0.2887, 0.3056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

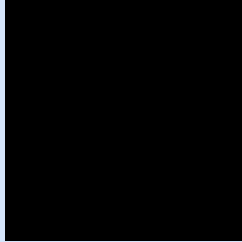
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

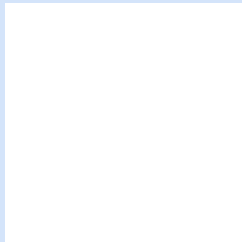
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.3860, 0.2887, 0.3056

Background



This preview shows how black text looks on a background with the Yxy color 76.3860, 0.2887, 0.3056.



This preview shows how white text looks on a background with the Yxy color 76.3860, 0.2887, 0.3056.

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

76.3860, 0.2887, 0.3056

Protanopia

76.4750, 0.2976, 0.3050

Deuteranopia

76.0475, 0.3032, 0.2965



Tritanopia

76.6029, 0.2898, 0.3098

Trichromacy



Original Color

76.3860, 0.2887, 0.3056

Protanomaly

76.4479, 0.2944, 0.3049

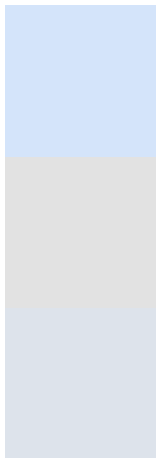
Deuteranomaly

76.0713, 0.2977, 0.3001

Tritanomaly

76.6648, 0.2893, 0.3087

Monochromacy



Original Color

76.3860, 0.2887, 0.3056

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

76.3085, 0.3036, 0.3205

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.3860, 0.2887, 0.3056 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(212, 228, 250)` looks like.

```
.text, #text, p{  
    color:rgb(212, 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(212, 228, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 228, 250) }
```

Border

The CSS property to change the border of an element to Yxy 76.3860, 0.2887, 0.3056 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(212, 228, 250) }
```

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

```
.border{ border-color:rgb(212, 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(212, 228, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 228, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 228, 250);  
box-shadow:4px 4px 4px 4px rgb(212, 228,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 76.3860, 0.2887, 0.3056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 228, 250) }
```

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

```
.background{ background-color: rgb(212,  
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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