

Converting Colors

$Yxy(77.5727, 0.2931, 0.3061)$

Have a look what the booklet for
Yxy(77.5727, 0.2931, 0.3061)
contains.

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Color

Yxy(77.4490, 0.2932, 0.3060)

Conversions

Conversions Part 1

Format	Color
Hex	DBE4FA
RGB	219, 228, 250
RGB Percent	86%, 89%, 98%
CMY	0.1411, 0.1059, 0.0198
CMYK	0.12, 0.09, 0.00, 0.02
HSL	223°, 75%, 92%
HSV	223°, 12%, 98%
XYZ	74.2093, 77.4490, 101.4430
YIQ	227.8170, -12.4260, 4.9340

Conversions

Conversions Part 2

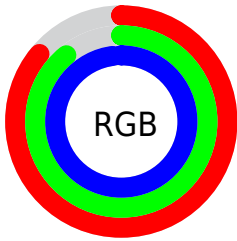
Format	Color
R _{YB}	219, 226, 250
Decimal	14411002
CIE Lab	90.53, 1.24, -11.67
CIE LCh	91, 11.733, 276.050
Yxy	77.4490, 0.2932, 0.3060
Android (android.graphics.Color)	4292601082 (0xFFDBE4FA)
YUV	227.8170, 10.9362, -7.7325
Hunter-Lab	88.0051, -3.4909, -6.7397

Details

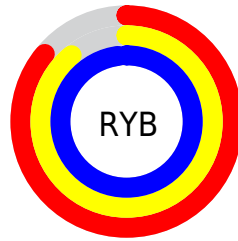
The Yxy color `77.4490, 0.2932, 0.3060` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `88.3207, 0.3324, 0.3510`, and the grayscale version is `77.3697, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `41.6747, 0.2885, 0.3006` is the 20% darker color. If you saturate the color by 10%, you get `64.6003, 0.2761, 0.2848`, and if you desaturate by 10%, it is `91.8869, 0.3091, 0.3249`.

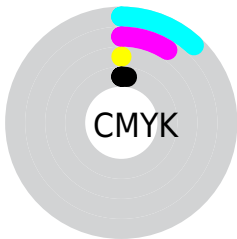
Distribution



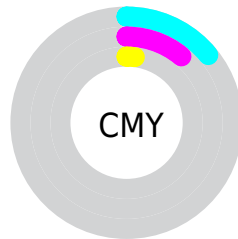
- Red (86%)
- Green (89%)
- Blue (98%)



- Red (86%)
- Yellow (89%)
- Blue (98%)



- Cyan (12%)
- Magenta (9%)
- Yellow (0%)
- Black (2%)



- Cyan (14%)
- Magenta (11%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 77.4490, 0.2932, 0.3060 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 77.4490, 0.2932, 0.3060 by changing the saturation by 10% instead.

■ 77.4490, 0.2932,
0.3060

■ 77.4490, 0.2932,
0.3060

486.2935, 0.3021,
0.3165

■ 57.6215, 0.2912,
0.3037

129.7731, 0.2963,
0.3096

■ 41.5044, 0.2887,
0.3008

163.0384, 0.2975,
0.3110

■ 28.7134, 0.2856,
0.2972

201.5518, 0.2985,
0.3122

■ 18.8641, 0.2816,
0.2925

245.6977, 0.2994,
0.3133

■ 11.5721, 0.2762,
0.2862

295.8604, 0.3002,
0.3142

■ 6.4531, 0.2686,
0.2774

352.4243, 0.3009,

■ 3.1225, 0.2570,

0.3151

0.2641

415.7739, 0.3015,
0.3158

■ 1.1960, 0.2374,
0.2419

■ 0.0584, 0.0838,
0.0571

■ 77.4490, 0.2932,
0.3060

■ 77.4490, 0.2932,
0.3060

■ 64.6003, 0.2761,
0.2848

■ 91.8869, 0.3091,
0.3249

■ 53.2752, 0.2580,
0.2614

■ 99.6794, 0.3156,
0.3338

■ 43.4177, 0.2395,
0.2361

■ 34.9645, 0.2210,
0.2092

■ 27.8471, 0.2034,
0.1818

■ 21.9910, 0.1876,
0.1550

■ 17.3132, 0.1746,
0.1301

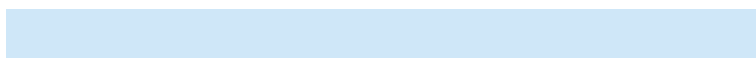
■ 13.7183, 0.1648,
0.1084

■ 11.6170, 0.1596,
0.0946

Harmonies

Analogous

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



77.4490, 0.2868, 0.3113



77.4490, 0.2932, 0.3060



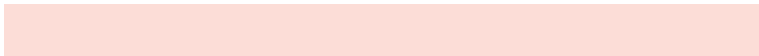
77.4490, 0.3049, 0.3067

Triad

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



77.4490, 0.2932, 0.3060



77.4490, 0.3390, 0.3354



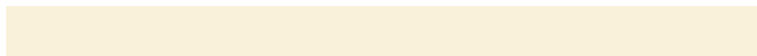
77.4490, 0.3062, 0.3458

Complementary

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



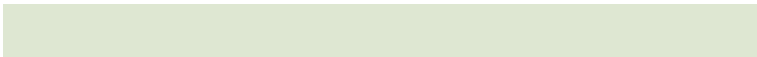
77.4490, 0.2932, 0.3060



88.3207, 0.3324, 0.3510

Split Complementary

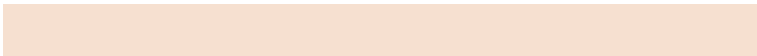
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.4490, 0.3201, 0.3525



77.4490, 0.2932, 0.3060



77.4490, 0.3393, 0.3461

Square

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



77.4490, 0.2932, 0.3060



77.4490, 0.3315, 0.3234



77.4490, 0.3323, 0.3525



77.4490, 0.2942, 0.3344

Rectangle

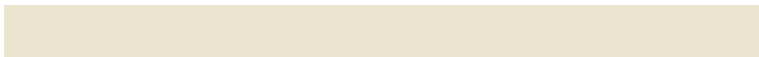
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



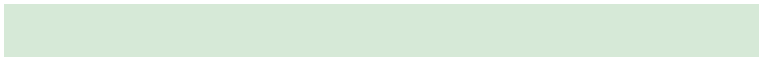
77.4490, 0.2932, 0.3060



77.4490, 0.3142, 0.3104



77.4490, 0.3323, 0.3525



77.4490, 0.3108, 0.3487

Sweetspot

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



77.4522, 0.2932, 0.3060



93.5864, 0.3066, 0.3219



89.7377, 0.2989, 0.3385



19.7797, 0.3054, 0.3206



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.



77.4522, 0.2932, 0.3060



77.3463, 0.2888, 0.3006



73.6105, 0.2971, 0.2968



17.4647, 0.2979, 0.3117



6.3780, 0.1604, 0.0973



0.7648, 0.1667, 0.1202

Inverse Universe

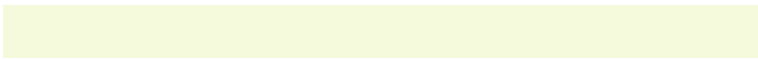
The Inverse Universe completely reimagines the original color for something new.



76.5886, 0.3290, 0.3200



76.3509, 0.3330, 0.3179



92.6507, 0.3272, 0.3601



17.3082, 0.3248, 0.3221



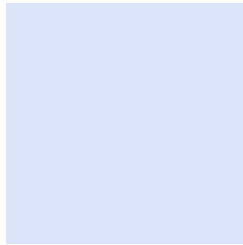
11.0548, 0.5799, 0.2968



1.0414, 0.5463, 0.2783

Previews

White Background



This preview shows how the Yxy color 77.4490, 0.2932, 0.3060 looks on a white background.

Color Contrast Check

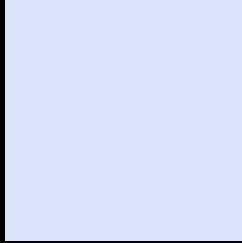
Large Text (above 18pt) WCAG AA × Fail

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 77.4490, 0.2932, 0.3060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

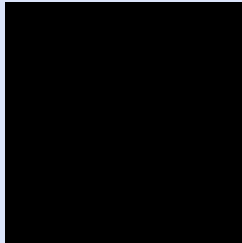
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

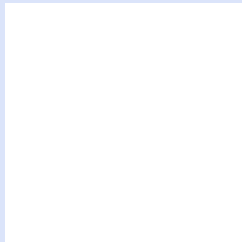
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.4490, 0.2932, 0.3060

Background



This preview shows how black text looks on a background with the Yxy color 77.4490, 0.2932, 0.3060.



This preview shows how white text looks on a background with the Yxy color 77.4490, 0.2932, 0.3060.

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

77.4490, 0.2932, 0.3060

Protanopia

77.4010, 0.2983, 0.3052

Deuteranopia

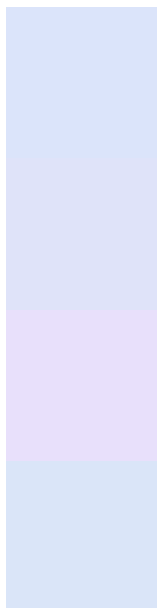
77.0287, 0.3058, 0.2987



Tritanopia

77.6594, 0.2943, 0.3100

Trichromacy



Original Color

77.4490, 0.2932, 0.3060

Protanomaly

77.4657, 0.2963, 0.3061

Deuteranomaly

77.4321, 0.3011, 0.3014

Tritanomaly

77.7214, 0.2937, 0.3090

Monochromacy



Original Color

77.4490, 0.2932, 0.3060

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

77.5505, 0.3056, 0.3206

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.4490, 0.2932, 0.3060 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(219, 228, 250)` looks like.

```
.text, #text, p{  
    color:rgb(219, 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(219, 228, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 228, 250) }
```

Border

The CSS property to change the border of an element to Yxy 77.4490, 0.2932, 0.3060 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(219, 228, 250) }
```

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

```
.border{ border-color:rgb(219, 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(219, 228, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 228, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 228, 250);  
box-shadow:4px 4px 4px 4px rgb(219, 228,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 77.4490, 0.2932, 0.3060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 228, 250) }
```

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

```
.background{ background-color: rgb(219,  
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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