

Converting Colors

$Yxy(72.0460, 0.2832, 0.3059)$

Have a look what the booklet for
Yxy(72.0460, 0.2832, 0.3059)
contains.

Yxy(72.0460, 0.2832, 0.3059)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(72.0460, 0.2832, 0.3059)

Conversions

Conversions Part 1

Format	Color
Hex	C7E0F5
RGB	199, 224, 245
RGB Percent	78%, 88%, 96%
CMY	0.2194, 0.1216, 0.0392
CMYK	0.19, 0.09, 0.00, 0.04
HSL	207°, 70%, 87%
HSV	207°, 19%, 96%
XYZ	66.6997, 72.0460, 96.7757
YIQ	218.9190, -21.6410, 1.2310

Conversions

Conversions Part 2

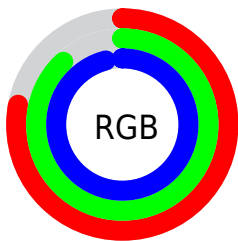
Format	Color
R_{YB}	199, 215, 245
Decimal	13099253
CIE Lab	87.99, -3.91, -13.00
CIE LCh	88, 13.576, 253.247
Yxy	72.0460, 0.2832, 0.3059
Android (android.graphics.Color)	4291289333 (0xFFC7E0F5)
YUV	218.9190, 12.8579, -17.4690
Hunter-Lab	84.8799, -8.2724, -8.1835

Details

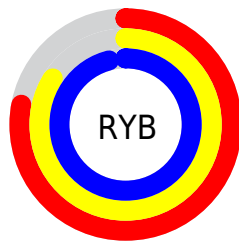
The Yxy color **72.0460, 0.2832, 0.3059** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.7555, 0.3455, 0.3510**, and the grayscale version is **70.7070, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.0698, 0.2765, 0.3003** is the 20% darker color. If you saturate the color by 10%, you get **63.1382, 0.2670, 0.2917**, and if you desaturate by 10%, it is **81.8959, 0.2991, 0.3188**.

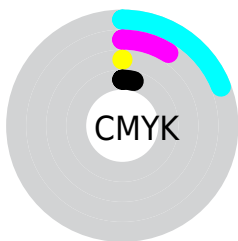
Distribution



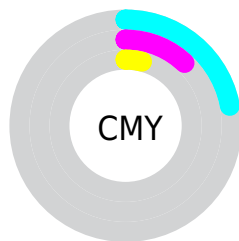
- Red (78%)
- Green (88%)
- Blue (96%)



- Red (78%)
- Yellow (84%)
- Blue (96%)



- Cyan (19%)
- Magenta (9%)
- Yellow (0%)
- Black (4%)



- Cyan (22%)
- Magenta (12%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.0460, 0.2832, 0.3059 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 72.0460, 0.2832, 0.3059 by changing the saturation by 10% instead.

■ 72.0460, 0.2832,
0.3059

■ 72.0460, 0.2832,
0.3059

467.7017, 0.2968,
0.3167

■ 53.1963, 0.2801,
0.3034

122.1219, 0.2879,
0.3096

■ 37.9595, 0.2763,
0.3004

154.1169, 0.2897,
0.3111

■ 25.9512, 0.2716,
0.2965

191.2624, 0.2913,
0.3123

■ 16.7872, 0.2654,
0.2914

233.9428, 0.2927,
0.3134

■ 10.0829, 0.2570,
0.2845

282.5426, 0.2939,
0.3144

■ 5.4539, 0.2451,
0.2745

337.4460, 0.2950,

■ 2.5160, 0.2269,

0.3152

0.2589

399.0376, 0.2959,
0.3160

0.8846, 0.1953,
0.2318

0.0000, 0.0000,
0.0000

72.0460, 0.2832,
0.3059

72.0460, 0.2832,
0.3059

63.1382, 0.2670,
0.2917

81.8959, 0.2991,
0.3188

55.1304, 0.2510,
0.2762

92.7104, 0.3146,
0.3304

47.9897, 0.2354,
0.2596

99.3726, 0.3185,
0.3386

41.6777, 0.2208,
0.2421

■ 36.1520, 0.2078,
0.2242

■ 31.3653, 0.1967,
0.2061

■ 27.2629, 0.1878,
0.1885

■ 23.7685, 0.1812,
0.1716

■ 23.3643, 0.1804,
0.1695

Harmonies

Analogous

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



72.0460, 0.2817, 0.3168



72.0460, 0.2832, 0.3059



72.0460, 0.2925, 0.3014

Triad

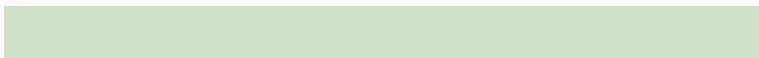
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.0460, 0.2832, 0.3059



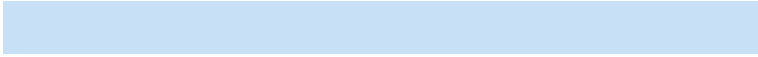
72.0460, 0.3378, 0.3257



72.0460, 0.3175, 0.3558

Complementary

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



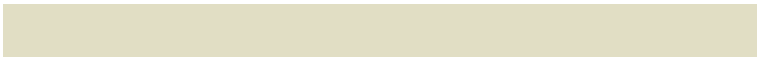
72.0460, 0.2832, 0.3059



74.7555, 0.3455, 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.



72.0460, 0.3329, 0.3576



72.0460, 0.2832, 0.3059



72.0460, 0.3448, 0.3398

Square

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



72.0460, 0.2832, 0.3059



72.0460, 0.3239, 0.3128



72.0460, 0.3430, 0.3516



72.0460, 0.3012, 0.3461

Rectangle

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



72.0460, 0.2832, 0.3059



72.0460, 0.3019, 0.3023



72.0460, 0.3430, 0.3516



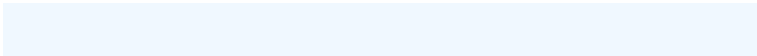
72.0460, 0.3230, 0.3573

Sweetspot

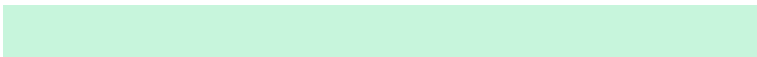
The Sweet Spot groups the original color and five complimentary colors.



72.0490, 0.2832, 0.3059



92.8307, 0.3034, 0.3221



82.6068, 0.2985, 0.3568



19.7076, 0.3024, 0.3213



0.0000, 0.0000, 0.0000



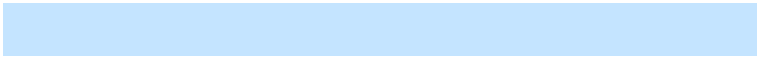
21.4041, 0.3127, 0.3290

Same Dimension

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



72.0490, 0.2832, 0.3059



74.5918, 0.2763, 0.3000



60.6777, 0.2817, 0.2802



17.4173, 0.2980, 0.3179



12.8674, 0.1812, 0.1722



1.3363, 0.1871, 0.1934

Inverse Universe

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



65.6643, 0.3303, 0.3031



66.5097, 0.3352, 0.2969



87.4616, 0.3414, 0.3736



16.6330, 0.3208, 0.3162



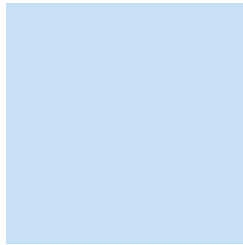
11.3983, 0.4779, 0.2406



1.0225, 0.4528, 0.2268

Previews

White Background



This preview shows how the Yxy color 72.0460, 0.2832, 0.3059 looks on a white background.

Color Contrast Check

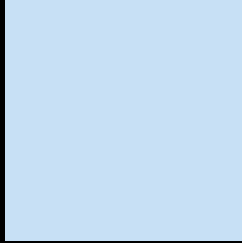
Large Text (above 18pt) WCAG AA × Fail

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 72.0460, 0.2832, 0.3059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

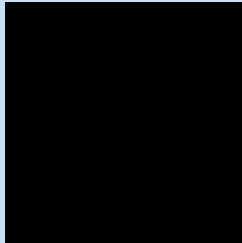
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

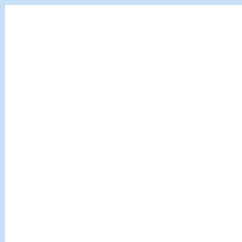
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.0460, 0.2832, 0.3059

Background



This preview shows how black text looks on a background with the Yxy color 72.0460, 0.2832, 0.3059.

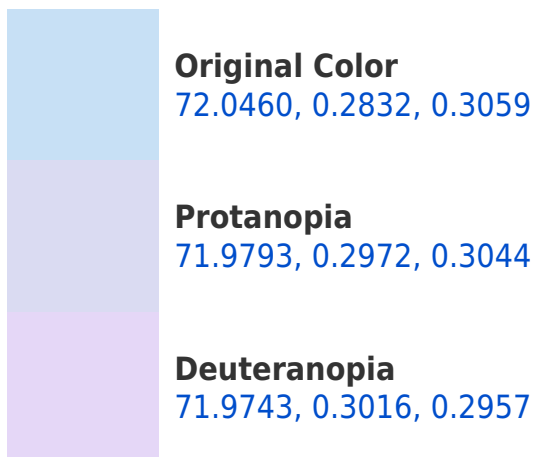


This preview shows how white text looks on a background with the Yxy color 72.0460, 0.2832, 0.3059.

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

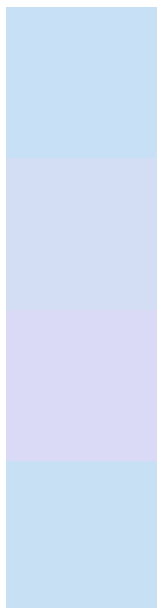




Tritanopia

71.8642, 0.2849, 0.3091

Trichromacy



Original Color

72.0460, 0.2832, 0.3059

Protanomaly

72.0329, 0.2919, 0.3052

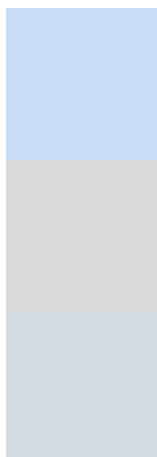
Deuteranomaly

71.7021, 0.2947, 0.2992

Tritanomaly

71.9245, 0.2843, 0.3080

Monochromacy



Original Color

72.0460, 0.2832, 0.3059

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.3114, 0.3019, 0.3213

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.0460, 0.2832, 0.3059 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(199, 224, 245)` looks like.

```
.text, #text, p{  
    color:rgb(199, 224, 245)  
}
```

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(199, 224, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 224, 245) }
```

Border

The CSS property to change the border of an element to Yxy 72.0460, 0.2832, 0.3059 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(199, 224, 245) }
```

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

```
.border{ border-color:rgb(199, 224, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 224, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 224, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 224, 245);  
box-shadow:4px 4px 4px 4px rgb(199, 224,  
245) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.0460, 0.2832, 0.3059$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 224, 245) }
```

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

```
.background{ background-color: rgb(199,  
224, 245) }
```

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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