

Converting Colors

$Yxy(72.0035, 0.2862, 0.3060)$

Have a look what the booklet for
Yxy(72.0035, 0.2862, 0.3060)
contains.

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Color

Yxy(72.0035, 0.2862, 0.3060)

Conversions

Conversions Part 1

Format	Color
Hex	CBDF4
RGB	203, 223, 244
RGB Percent	80%, 87%, 96%
CMY	0.2040, 0.1255, 0.0430
CMYK	0.17, 0.09, 0.00, 0.04
HSL	211°, 65%, 88%
HSV	211°, 17%, 96%
XYZ	67.3445, 72.0035, 95.9576
YIQ	219.4140, -18.6610, 2.2910

Conversions

Conversions Part 2

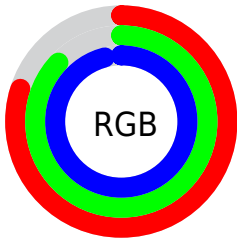
Format	Color
R _Y B	203, 216, 244
Decimal	13361140
CIE Lab	87.97, -2.40, -12.49
CIE LCh	88, 12.719, 259.133
Yxy	72.0035, 0.2862, 0.3060
Android (android.graphics.Color)	4291551220 (0xFFCDBFF4)
YUV	219.4140, 12.1209, -14.3951
Hunter-Lab	84.8549, -6.8308, -7.6493

Details

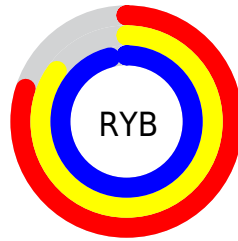
The Yxy color **72.0035, 0.2862, 0.3060** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.8617, 0.3413, 0.3510**, and the grayscale version is **71.0653, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.9320, 0.2795, 0.3004** is the 20% darker color. If you saturate the color by 10%, you get **62.4123, 0.2697, 0.2903**, and if you desaturate by 10%, it is **82.6328, 0.3022, 0.3202**.

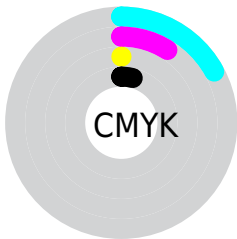
Distribution



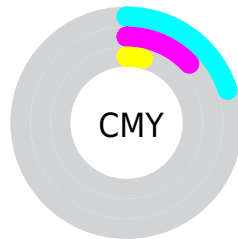
- Red (80%)
- Green (87%)
- Blue (96%)



- Red (80%)
- Yellow (85%)
- Blue (96%)



- Cyan (17%)
- Magenta (9%)
- Yellow (0%)
- Black (4%)



- Cyan (20%)
- Magenta (13%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.0035, 0.2862, 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 72.0035, 0.2862, 0.3060 by changing the saturation by 10% instead.

■ 72.0035, 0.2862,
0.3060

■ 72.0035, 0.2862,
0.3060

467.5538, 0.2984,
0.3167

■ 53.1615, 0.2834,
0.3036

122.0615, 0.2904,
0.3097

■ 37.9317, 0.2800,
0.3005

154.0463, 0.2921,
0.3112

■ 25.9297, 0.2757,
0.2967

191.1809, 0.2935,
0.3124

■ 16.7711, 0.2701,
0.2917

233.8496, 0.2947,
0.3135

■ 10.0714, 0.2625,
0.2849

282.4369, 0.2958,
0.3144

■ 5.4463, 0.2516,
0.2751

337.3271, 0.2968,

■ 2.5114, 0.2350,

0.3153

0.2598

398.9046, 0.2976,
0.3160

0.8824, 0.2062,
0.2332

0.0000, 0.0000,
0.0000

72.0035, 0.2862,
0.3060

72.0035, 0.2862,
0.3060

62.4123, 0.2697,
0.2903

82.6328, 0.3022,
0.3202

53.8146, 0.2532,
0.2731

94.3250, 0.3175,
0.3329

46.1752, 0.2368,
0.2546

99.3133, 0.3191,
0.3395

39.4531, 0.2213,
0.2350

■ 33.6038, 0.2071,
0.2149

■ 28.5776, 0.1948,
0.1947

■ 24.3181, 0.1848,
0.1750

■ 20.7565, 0.1773,
0.1565

■ 19.7401, 0.1752,
0.1508

Harmonies

Analogous

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



72.0035, 0.2832, 0.3152



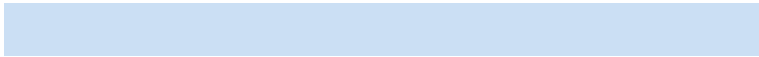
72.0035, 0.2862, 0.3060



72.0035, 0.2961, 0.3030

Triad

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



72.0035, 0.2862, 0.3060



72.0035, 0.3381, 0.3286



72.0035, 0.3142, 0.3528

Complementary

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



72.0035, 0.2862, 0.3060



76.8617, 0.3413, 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.



72.0035, 0.3291, 0.3561



72.0035, 0.2862, 0.3060



72.0035, 0.3431, 0.3416

Square

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



72.0035, 0.2862, 0.3060



72.0035, 0.3261, 0.3159



72.0035, 0.3398, 0.3518



72.0035, 0.2991, 0.3426

Rectangle

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



72.0035, 0.2862, 0.3060



72.0035, 0.3055, 0.3048



72.0035, 0.3398, 0.3518



72.0035, 0.3194, 0.3547

Sweetspot

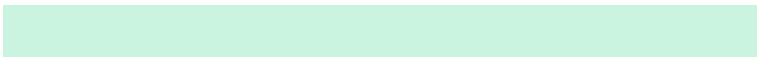
The Sweet Spot groups the original color and five complimentary colors.



72.0065, 0.2862, 0.3060



93.5659, 0.3050, 0.3226



82.7671, 0.2987, 0.3513



19.8385, 0.3039, 0.3217



0.0000, 0.0000, 0.0000



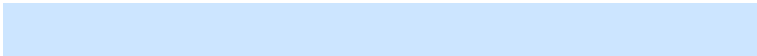
21.4041, 0.3127, 0.3290

Same Dimension

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



72.0065, 0.2862, 0.3060



76.0305, 0.2809, 0.3011



61.9306, 0.2851, 0.2834



17.2615, 0.2980, 0.3166



11.0026, 0.1760, 0.1537



1.1721, 0.1824, 0.1766

Inverse Universe

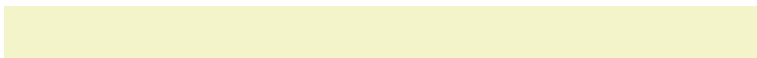
The Inverse Universe completely reimagines the original color for something new.



67.2695, 0.3298, 0.3082



70.0963, 0.3338, 0.3040



88.2671, 0.3380, 0.3709



16.6173, 0.3217, 0.3175



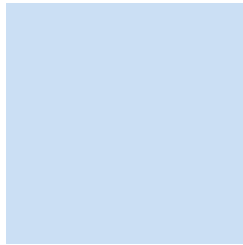
11.2101, 0.5012, 0.2535



1.0060, 0.4726, 0.2377

Previews

White Background



This preview shows how the Yxy color 72.0035, 0.2862, 0.3060 looks on a white background.

Color Contrast Check

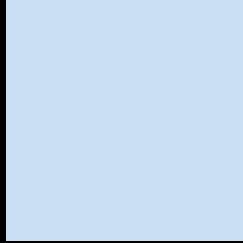
Large Text (above 18pt) WCAG AA × Fail

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 72.0035, 0.2862, 0.3060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

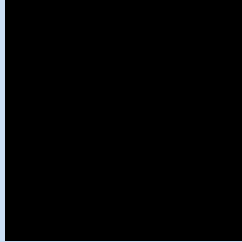
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

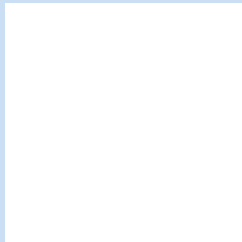
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.0035, 0.2862, 0.3060

Background



This preview shows how black text looks on a background with the Yxy color 72.0035, 0.2862, 0.3060.

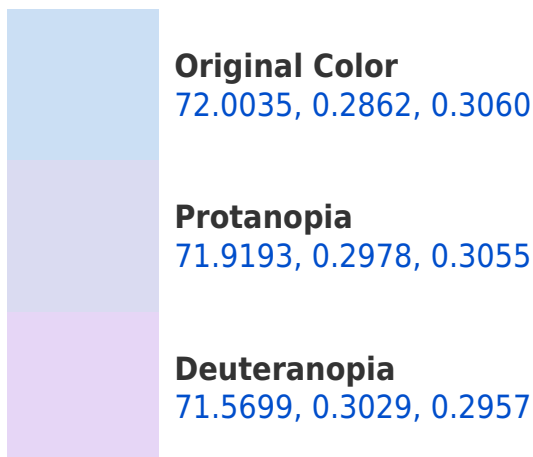


This preview shows how white text looks on a background with the Yxy color 72.0035, 0.2862, 0.3060.

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





Tritanopia

71.6828, 0.2874, 0.3092

Trichromacy



Original Color

72.0035, 0.2862, 0.3060

Protanomaly

71.7433, 0.2939, 0.3053

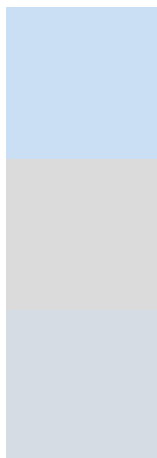
Deuteranomaly

71.4339, 0.2967, 0.2993

Tritanomaly

71.7427, 0.2868, 0.3081

Monochromacy



Original Color

72.0035, 0.2862, 0.3060

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.9340, 0.3026, 0.3202

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.0035, 0.2862, 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(203, 223, 244)` looks like.

```
.text, #text, p{  
    color:rgb(203, 223, 244)  
}
```

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(203, 223, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 223, 244) }
```

Border

The CSS property to change the border of an element to Yxy 72.0035, 0.2862, 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(203, 223, 244) }
```

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

```
.border{ border-color:rgb(203, 223, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 223, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 223, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 223, 244);  
box-shadow:4px 4px 4px 4px rgb(203, 223,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 72.0035, 0.2862, 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(203, 223, 244) }
```

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

```
.background{ background-color: rgb(203,  
223, 244) }
```

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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