

Converting Colors

$Yxy(72.2283, 0.2745, 0.2957)$

Have a look what the booklet for
Yxy(72.2283, 0.2745, 0.2957)
contains.

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Color

Yxy(72.0006, 0.2745, 0.2952)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | C2E0FF |
| RGB | 194, 224, 255 |
| RGB Percent | 76%, 88%, 100% |
| CMY | 0.2392, 0.1215, 0.0001 |
| CMYK | 0.24, 0.12, 0.00, 0.00 |
| HSL | 210°, 100%, 88% |
| HSV | 210°, 24%, 100% |
| XYZ | 66.9518, 72.0006, 104.9521 |
| YIQ | 218.5640, -27.8310, 3.2810 |

Conversions

Conversions Part 2

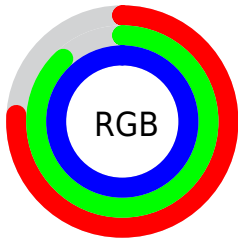
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 194, 214, 255 |
| Decimal | 12771583 |
| CIELab | 87.97, -3.26, -18.31 |
| CIELCh | 88, 18.595, 259.903 |
| Yxy | 72.0006, 0.2745, 0.2952 |
| Android (android.graphics.Color) | 4290961663 (0xFFC2E0FF) |
| YUV | 218.5640, 17.9629, -21.5426 |
| Hunter-Lab | 84.8532, -7.6510, -13.9366 |

Details

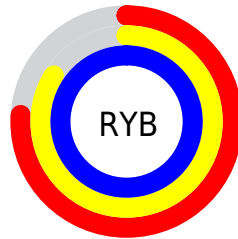
The Yxy color **72.0006, 0.2745, 0.2952** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **78.9894, 0.3555, 0.3606**, and the grayscale version is **70.4108, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2492, 0.3102, 0.3290**, and **37.9421, 0.2656, 0.2877** is the 20% darker color. If you saturate the color by 10%, you get **62.2148, 0.2579, 0.2785**, and if you desaturate by 10%, it is **82.9014, 0.2909, 0.3104**.

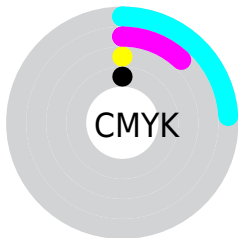
Distribution



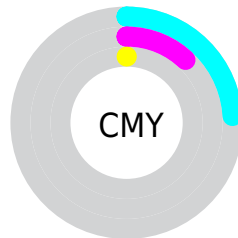
- Red (76%)
- Green (88%)
- Blue (100%)



- Red (76%)
- Yellow (84%)
- Blue (100%)



- Cyan (24%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.0006, 0.2745, 0.2952 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 72.0006, 0.2745, 0.2952 by changing the saturation by 10% instead.

■ 72.0006, 0.2745,
0.2952

■ 72.0006, 0.2745,
0.2952

467.5437, 0.2920,
0.3108

■ 53.1592, 0.2706,
0.2916

■ 122.0574, 0.2805,
0.3006

■ 37.9298, 0.2657,
0.2872

154.0415, 0.2829,
0.3027

■ 25.9282, 0.2596,
0.2817

191.1754, 0.2849,
0.3046

■ 16.7700, 0.2517,
0.2745

233.8433, 0.2867,
0.3061

■ 10.0706, 0.2412,
0.2647

282.4297, 0.2883,
0.3075

■ 5.4458, 0.2264,
0.2509

337.3189, 0.2897,

■ 2.5111, 0.2042,

0.3088

0.2298

398.8955, 0.2909,
0.3099

0.8822, 0.1676,
0.1949

0.0000, 0.0000,
0.0000

72.0006, 0.2745,
0.2952

72.0006, 0.2745,
0.2952

62.2148, 0.2579,
0.2785

82.9014, 0.2909,
0.3104

53.4939, 0.2415,
0.2605

94.9472, 0.3067,
0.3241

45.7966, 0.2257,
0.2413

99.9982, 0.3127,
0.3290

39.0748, 0.2111,
0.2214

■ 33.2754, 0.1982,
0.2013

■ 28.3383, 0.1876,
0.1815

■ 24.1927, 0.1794,
0.1627

■ 21.9998, 0.1755,
0.1518

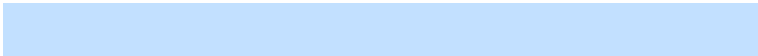
Harmonies

Analogous

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



72.0006, 0.2700, 0.3081



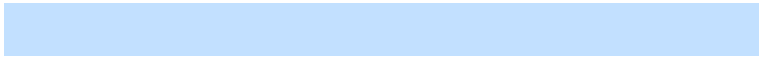
72.0006, 0.2745, 0.2952



72.0006, 0.2889, 0.2915

Triad

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



72.0006, 0.2745, 0.2952



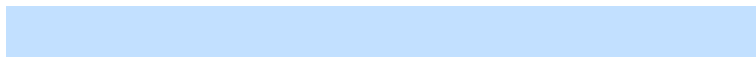
72.0006, 0.3503, 0.3286



72.0006, 0.3140, 0.3639

Complementary

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



72.0006, 0.2745, 0.2952



78.9894, 0.3555, 0.3606

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.



72.0006, 0.3359, 0.3689



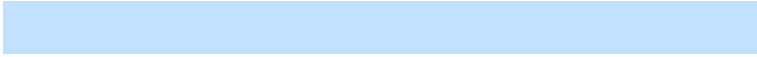
72.0006, 0.2745, 0.2952



72.0006, 0.3574, 0.3474

Square

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



72.0006, 0.2745, 0.2952



72.0006, 0.3327, 0.3105



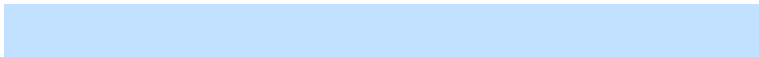
72.0006, 0.3520, 0.3624



72.0006, 0.2923, 0.3485

Rectangle

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



72.0006, 0.2745, 0.2952



72.0006, 0.3026, 0.2943



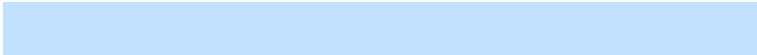
72.0006, 0.3520, 0.3624



72.0006, 0.3216, 0.3669

Sweetspot

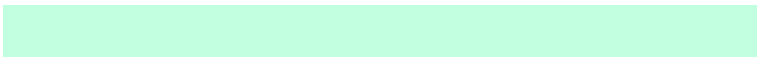
The Sweet Spot groups the original color and five complimentary colors.



72.0035, 0.2745, 0.2952



91.1208, 0.3019, 0.3200



88.3820, 0.2931, 0.3621



19.3455, 0.3009, 0.3192



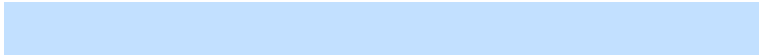
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



72.0035, 0.2745, 0.2952



66.8999, 0.2661, 0.2869



57.2781, 0.2716, 0.2611



18.8537, 0.2979, 0.3166



11.7955, 0.1763, 0.1547



1.3665, 0.1821, 0.1755

Inverse Universe

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



65.2259, 0.3387, 0.2986



59.3605, 0.3459, 0.2918



96.6528, 0.3490, 0.3889



18.1361, 0.3217, 0.3174



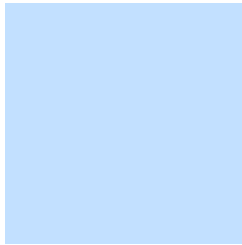
11.9187, 0.4998, 0.2527



1.1825, 0.4740, 0.2385

Previews

White Background



This preview shows how the Yxy color 72.0006, 0.2745, 0.2952 looks on a white background.

Color Contrast Check

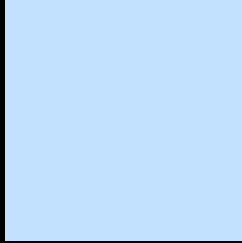
Large Text (above 18pt) WCAG AA × Fail

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 72.0006, 0.2745, 0.2952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

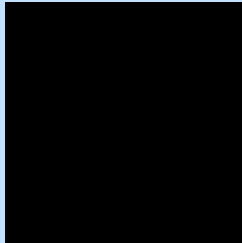
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

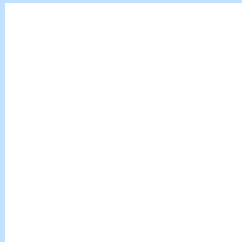
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.0006, 0.2745, 0.2952

Background



This preview shows how black text looks on a background with the Yxy color 72.0006, 0.2745, 0.2952.

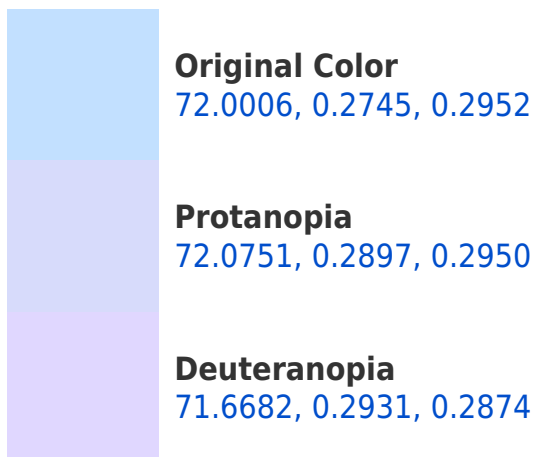


This preview shows how white text looks on a background with the Yxy color 72.0006, 0.2745, 0.2952.

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

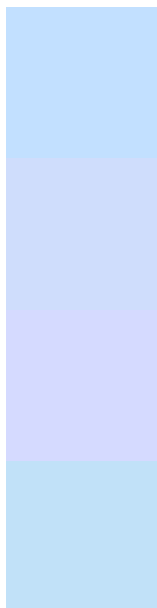




Tritanopia

72.1308, 0.2795, 0.3090

Trichromacy



Original Color

72.0006, 0.2745, 0.2952

Protanomaly

72.0066, 0.2840, 0.2957

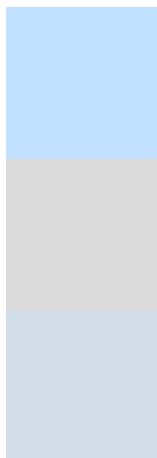
Deuteranomaly

71.5089, 0.2860, 0.2898

Tritanomaly

71.9652, 0.2778, 0.3036

Monochromacy



Original Color

72.0006, 0.2745, 0.2952

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.2407, 0.2980, 0.3169

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.0006, 0.2745, 0.2952 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(194, 224, 255)` looks like.

```
.text, #text, p{  
    color:rgb(194, 224, 255)  
}
```

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(194, 224, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 224, 255) }
```

Border

The CSS property to change the border of an element to Yxy 72.0006, 0.2745, 0.2952 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(194, 224, 255) }
```

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

```
.border{ border-color:rgb(194, 224, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 224, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 224, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 224, 255);  
box-shadow:4px 4px 4px 4px rgb(194, 224,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 72.0006, 0.2745, 0.2952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 224, 255) }
```

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

```
.background{ background-color: rgb(194,  
224, 255) }
```

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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