

Converting Colors

Yxy(61.9086, 0.2809, 0.2950)

Have a look what the booklet for
Yxy(61.9086, 0.2809, 0.2950)
contains.

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Color

Yxy(61.6872, 0.2809, 0.2945)

Conversions

Conversions Part 1

Format	Color
Hex	BECFED
RGB	190, 207, 237
RGB Percent	75%, 81%, 93%
CMY	0.2548, 0.1882, 0.0705
CMYK	0.20, 0.13, 0.00, 0.07
HSL	218°, 57%, 84%
HSV	218°, 20%, 93%
XYZ	58.8385, 61.6872, 88.9385
YIQ	205.3370, -19.7620, 5.7260

Conversions

Conversions Part 2

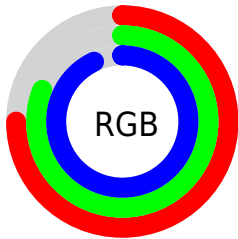
Format	Color
R _Y B	190, 202, 237
Decimal	12505069
CIE Lab	82.75, 0.50, -16.70
CIE LCh	83, 16.711, 271.713
Yxy	61.6872, 0.2809, 0.2945
Android (android.graphics.Color)	4290695149 (0xFFBECFED)
YUV	205.3370, 15.6099, -13.4505
Hunter-Lab	78.5412, -3.7253, -12.1600

Details

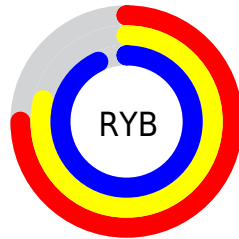
The Yxy color **61.6872, 0.2809, 0.2945** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **72.9305, 0.3459, 0.3613**, and the grayscale version is **61.1875, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5142, 0.3078, 0.3290**, and **31.3529, 0.2731, 0.2865** is the 20% darker color. If you saturate the color by 10%, you get **51.8947, 0.2636, 0.2741**, and if you desaturate by 10%, it is **72.6843, 0.2974, 0.3129**.

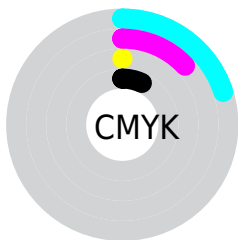
Distribution



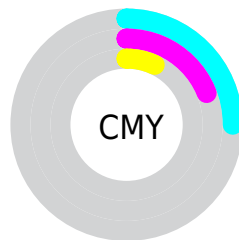
- Red (75%)
- Green (81%)
- Blue (93%)



- Red (75%)
- Yellow (79%)
- Blue (93%)



- Cyan (20%)
- Magenta (13%)
- Yellow (0%)
- Black (7%)



- Cyan (25%)
- Magenta (19%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.6872, 0.2809, 0.2945 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 61.6872, 0.2809, 0.2945 by changing the saturation by 10% instead.

■ 61.6872, 0.2809,
0.2945

■ 61.6872, 0.2809,
0.2945

430.7892, 0.2960,
0.3108

■ 44.7800, 0.2774,
0.2907

■ 107.2733, 0.2862,
0.3002

■ 31.2842, 0.2730,
0.2860

136.7210, 0.2882,
0.3024

■ 20.8153, 0.2674,
0.2799

171.1177, 0.2900,
0.3043

■ 12.9891, 0.2600,
0.2719

210.8477, 0.2915,
0.3060

■ 7.4210, 0.2498,
0.2609

256.2955, 0.2928,
0.3074

■ 3.7268, 0.2347,
0.2448

307.8454, 0.2940,

■ 1.5219, 0.2108,

0.3087

0.2191

365.8818, 0.2950,
0.3098

0.3041, 0.1364,
0.1377

0.0000, 0.0000,
0.0000

61.6872, 0.2809,
0.2945

61.6872, 0.2809,
0.2945

51.8947, 0.2636,
0.2741

72.6843, 0.2974,
0.3129

43.2556, 0.2458,
0.2519

84.9196, 0.3130,
0.3293

35.7259, 0.2282,
0.2281

97.2553, 0.3234,
0.3439

29.2556, 0.2112,
0.2034

98.8954, 0.3232,
0.3463

■ 23.7903, 0.1958,
0.1786

■ 19.2696, 0.1826,
0.1545

■ 15.6249, 0.1722,
0.1324

■ 12.7571, 0.1647,
0.1129

■ 12.7135, 0.1646,
0.1126

Harmonies

Analogous

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



61.6872, 0.2727, 0.3035



61.6872, 0.2809, 0.2945



61.6872, 0.2976, 0.2945

Triad

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



61.6872, 0.2809, 0.2945



61.6872, 0.3523, 0.3358



61.6872, 0.3055, 0.3573

Complementary

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



61.6872, 0.2809, 0.2945



72.9305, 0.3459, 0.3613

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.



61.6872, 0.3269, 0.3662



61.6872, 0.2809, 0.2945



61.6872, 0.3544, 0.3528

Square

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



61.6872, 0.2809, 0.2945



61.6872, 0.3391, 0.3179



61.6872, 0.3449, 0.3642



61.6872, 0.2866, 0.3400

Rectangle

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



61.6872, 0.2809, 0.2945



61.6872, 0.3116, 0.2993



61.6872, 0.3449, 0.3642



61.6872, 0.3127, 0.3614

Sweetspot

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



61.6897, 0.2809, 0.2945



91.1358, 0.3035, 0.3194



76.6833, 0.2927, 0.3485



19.3073, 0.3024, 0.3183



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.



61.6897, 0.2809, 0.2945



67.7300, 0.2736, 0.2860



54.7232, 0.2842, 0.2750



15.4399, 0.2980, 0.3135



7.1669, 0.1655, 0.1156



0.7398, 0.1731, 0.1432

Inverse Universe

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



59.3464, 0.3382, 0.3107



64.7080, 0.3451, 0.3065



81.2440, 0.3381, 0.3791



15.1440, 0.3236, 0.3205



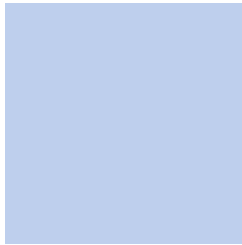
10.2163, 0.5530, 0.2820



0.8201, 0.5148, 0.2609

Previews

White Background



This preview shows how the Yxy color 61.6872, 0.2809, 0.2945 looks on a white background.

Color Contrast Check

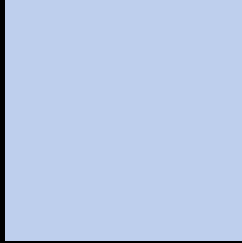
Large Text (above 18pt) WCAG AA × Fail

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 61.6872, 0.2809, 0.2945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

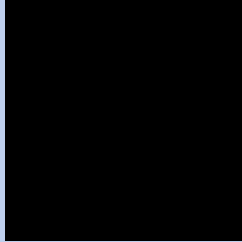
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

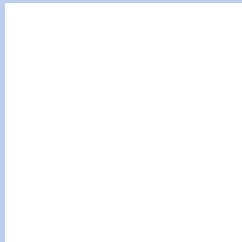
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.6872, 0.2809, 0.2945

Background



This preview shows how black text looks on a background with the Yxy color 61.6872, 0.2809, 0.2945.



This preview shows how white text looks on a background with the Yxy color 61.6872, 0.2809, 0.2945.

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

61.6872, 0.2809, 0.2945

Protanopia

61.6014, 0.2895, 0.2939

Deuteranopia

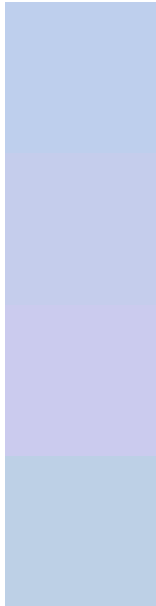
61.6480, 0.2939, 0.2880



Tritanopia

61.7833, 0.2865, 0.3091

Trichromacy



Original Color

61.6872, 0.2809, 0.2945

Protanomaly

61.5891, 0.2862, 0.2937

Deuteranomaly

61.5814, 0.2890, 0.2897

Tritanomaly

61.6437, 0.2846, 0.3034

Monochromacy



Original Color

61.6872, 0.2809, 0.2945

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.4317, 0.3007, 0.3162

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.6872, 0.2809, 0.2945 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(190, 207, 237)` looks like.

```
.text, #text, p{  
    color:rgb(190, 207, 237)  
}
```

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(190, 207, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 207, 237) }
```

Border

The CSS property to change the border of an element to Yxy 61.6872, 0.2809, 0.2945 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(190, 207, 237) }
```

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

```
.border{ border-color:rgb(190, 207, 237) }
```

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

Here you see how a box with a 4 pixel rgb(190, 207, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 207, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 207, 237);  
box-shadow:4px 4px 4px 4px rgb(190, 207,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 61.6872, 0.2809, 0.2945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 207, 237) }
```

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

```
.background{ background-color: rgb(190,  
207, 237) }
```

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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