

Converting Colors

$Yxy(63.6053, 0.2861, 0.2937)$

Have a look what the booklet for
Yxy(63.6053, 0.2861, 0.2937)
contains.

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Color

Yxy(63.6231, 0.2865, 0.2942)

Conversions

Conversions Part 1

Format	Color
Hex	C8D0EF
RGB	200, 208, 239
RGB Percent	78%, 82%, 94%
CMY	0.2156, 0.1843, 0.0627
CMYK	0.16, 0.13, 0.00, 0.06
HSL	228°, 55%, 86%
HSV	228°, 16%, 94%
XYZ	61.9579, 63.6231, 90.6770
YIQ	209.1420, -14.7190, 7.9450

Conversions

Conversions Part 2

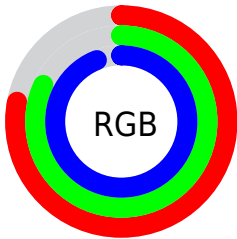
Format	Color
R _{YB}	200, 207, 239
Decimal	13160687
CIE Lab	83.77, 3.49, -16.15
CIE LCh	84, 16.524, 282.208
Yxy	63.6231, 0.2865, 0.2942
Android (android.graphics.Color)	4291350767 (0xFFC8D0EF)
YUV	209.1420, 14.7200, -8.0175
Hunter-Lab	79.7641, -0.9347, -11.5669

Details

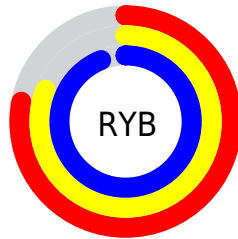
The Yxy color **63.6231, 0.2865, 0.2942** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.6830, 0.3385, 0.3616**, and the grayscale version is **63.7702, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.6411, 0.2803, 0.2863** is the 20% darker color. If you saturate the color by 10%, you get **51.8691, 0.2686, 0.2694**, and if you desaturate by 10%, it is **77.0071, 0.3030, 0.3164**.

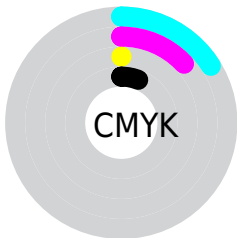
Distribution



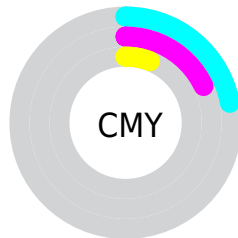
- Red (78%)
- Green (82%)
- Blue (94%)



- Red (78%)
- Yellow (81%)
- Blue (94%)



- Cyan (16%)
- Magenta (13%)
- Yellow (0%)
- Black (6%)



- Cyan (22%)
- Magenta (18%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.6231, 0.2865, 0.2942 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 63.6231, 0.2865, 0.2942 by changing the saturation by 10% instead.

■ 63.6231, 0.2865,
0.2942

■ 63.6231, 0.2865,
0.2942

437.8273, 0.2989,
0.3105

■ 46.3455, 0.2836,
0.2904

110.0680, 0.2908,
0.2999

■ 32.5185, 0.2800,
0.2858

140.0040, 0.2925,
0.3021

■ 21.7579, 0.2754,
0.2799

174.9283, 0.2940,
0.3040

■ 13.6791, 0.2693,
0.2721

215.2252, 0.2952,
0.3056

■ 7.8978, 0.2609,
0.2615

261.2792, 0.2963,
0.3070

■ 4.0296, 0.2485,
0.2461

313.4746, 0.2973,

■ 1.6902, 0.2287,

0.3083

0.2220

372.1958, 0.2981,
0.3095

0.4173, 0.1836,
0.1590

0.0000, 0.0000,
0.0000

63.6231, 0.2865,
0.2942

63.6231, 0.2865,
0.2942

51.8691, 0.2686,
0.2694

77.0071, 0.3030,
0.3164

41.6745, 0.2496,
0.2422

92.0727, 0.3181,
0.3359

32.9746, 0.2301,
0.2131

99.0121, 0.3220,
0.3444

25.6976, 0.2108,
0.1831

■ 19.7652, 0.1929,
0.1535

■ 15.0912, 0.1774,
0.1260

■ 11.5785, 0.1653,
0.1023

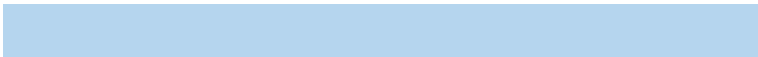
■ 9.1137, 0.1573,
0.0838

■ 8.4250, 0.1551,
0.0784

Harmonies

Analogous

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



63.6231, 0.2752, 0.3000



63.6231, 0.2865, 0.2942



63.6231, 0.3050, 0.2972

Triad

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



63.6231, 0.2865, 0.2942



63.6231, 0.3535, 0.3418



63.6231, 0.2987, 0.3514

Complementary

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



63.6231, 0.2865, 0.2942



79.6830, 0.3385, 0.3616

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.



63.6231, 0.3194, 0.3635



63.6231, 0.2865, 0.2942



63.6231, 0.3514, 0.3570

Square

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



63.6231, 0.2865, 0.2942



63.6231, 0.3441, 0.3241



63.6231, 0.3388, 0.3653



63.6231, 0.2821, 0.3329

Rectangle

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



63.6231, 0.2865, 0.2942



63.6231, 0.3191, 0.3037



63.6231, 0.3388, 0.3653



63.6231, 0.3054, 0.3564

Sweetspot

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



63.6257, 0.2865, 0.2942



91.3626, 0.3051, 0.3190



79.7601, 0.2928, 0.3382



19.3040, 0.3040, 0.3176



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.



63.6257, 0.2865, 0.2942



68.3767, 0.2799, 0.2852



61.4057, 0.2940, 0.2860



15.7531, 0.2980, 0.3096



4.8051, 0.1557, 0.0805



0.5373, 0.1621, 0.1035

Inverse Universe

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



64.2208, 0.3376, 0.3205



69.3236, 0.3446, 0.3184



82.3919, 0.3295, 0.3705



15.8118, 0.3261, 0.3242



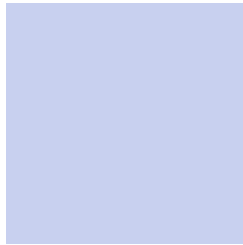
10.2784, 0.6061, 0.3112



0.8690, 0.5707, 0.2917

Previews

White Background



This preview shows how the Yxy color 63.6231, 0.2865, 0.2942 looks on a white background.

Color Contrast Check

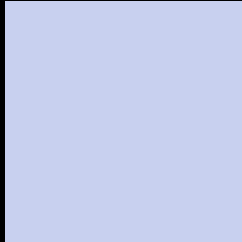
Large Text (above 18pt) WCAG AA × Fail

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 63.6231, 0.2865, 0.2942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

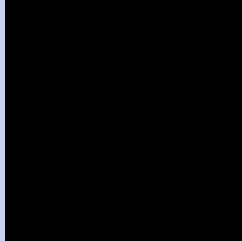
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.6231, 0.2865, 0.2942

Background



This preview shows how black text looks on a background with the Yxy color 63.6231, 0.2865, 0.2942.

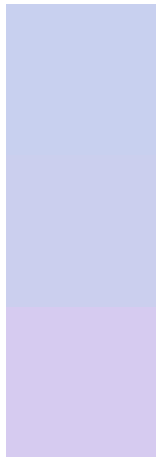


This preview shows how white text looks on a background with the Yxy color 63.6231, 0.2865, 0.2942.

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

63.6231, 0.2865, 0.2942

Protanopia

63.4952, 0.2891, 0.2943

Deuteranopia

63.2993, 0.2955, 0.2886



Tritanopia

63.6450, 0.2928, 0.3095

Trichromacy



Original Color

63.6231, 0.2865, 0.2942

Protanomaly

63.3553, 0.2884, 0.2943

Deuteranomaly

63.5092, 0.2920, 0.2904

Tritanomaly

63.5126, 0.2909, 0.3040

Monochromacy



Original Color

63.6231, 0.2865, 0.2942

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.8900, 0.3030, 0.3165

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.6231, 0.2865, 0.2942 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(200, 208, 239)` looks like.

```
.text, #text, p{  
    color:rgb(200, 208, 239)  
}
```

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(200, 208, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 208, 239) }
```

Border

The CSS property to change the border of an element to Yxy 63.6231, 0.2865, 0.2942 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(200, 208, 239) }
```

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

```
.border{ border-color:rgb(200, 208, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 208, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(200, 208, 239); -webkit-box-shadow:4px 4px 4px 4px rgb(200, 208, 239); box-shadow:4px 4px 4px 4px rgb(200, 208, 239) }
```


Background

The CSS property to change the background color of an element to Yxy 63.6231, 0.2865, 0.2942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 208, 239) }
```

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

```
.background{ background-color: rgb(200,  
208, 239) }
```

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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