

Converting Colors

Yxy(63.9014, 0.2844, 0.3016)

Have a look what the booklet for
Yxy(63.9014, 0.2844, 0.3016)
contains.

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Color

Yxy(63.9241, 0.2844, 0.3016)

Conversions

Conversions Part 1

Format	Color
Hex	C1D3EB
RGB	193, 211, 235
RGB Percent	76%, 83%, 92%
CMY	0.2432, 0.1725, 0.0785
CMYK	0.18, 0.10, 0.00, 0.08
HSL	214°, 51%, 84%
HSV	214°, 18%, 92%
XYZ	60.2786, 63.9241, 87.7473
YIQ	208.3540, -18.4320, 3.6480

Conversions

Conversions Part 2

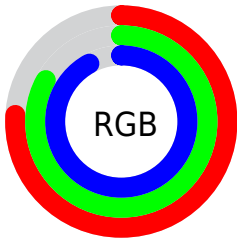
Format	Color
R _Y B	193, 206, 235
Decimal	12702699
CIE Lab	83.93, -1.14, -13.83
CIE LCh	84, 13.878, 265.306
Yxy	63.9241, 0.2844, 0.3016
Android (android.graphics.Color)	4290892779 (0xFFC1D3EB)
YUV	208.3540, 13.1365, -13.4655
Hunter-Lab	79.9525, -5.3406, -9.1035

Details

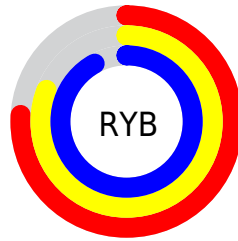
The Yxy color `63.9241, 0.2844, 0.3016` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `71.1208, 0.3428, 0.3550`, and the grayscale version is `63.2406, 0.3127, 0.3290`.

A 20% lighter version of the original color is `99.0640, 0.3096, 0.3290`, and `32.8576, 0.2777, 0.2958` is the 20% darker color. If you saturate the color by 10%, you get `54.6886, 0.2676, 0.2838`, and if you desaturate by 10%, it is `74.2121, 0.3006, 0.3176`.

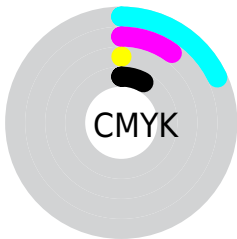
Distribution



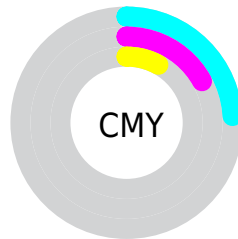
- Red (76%)
- Green (83%)
- Blue (92%)



- Red (76%)
- Yellow (81%)
- Blue (92%)



- Cyan (18%)
- Magenta (10%)
- Yellow (0%)
- Black (8%)



- Cyan (24%)
- Magenta (17%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.9241, 0.2844, 0.3016 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 63.9241, 0.2844, 0.3016 by changing the saturation by 10% instead.

■ 63.9241, 0.2844,
0.3016

■ 63.9241, 0.2844,
0.3016

438.9155, 0.2977,
0.3145

■ 46.5892, 0.2813,
0.2986

■ 110.5016, 0.2891,
0.3061

■ 32.7110, 0.2775,
0.2948

140.5130, 0.2909,
0.3079

■ 21.9052, 0.2726,
0.2900

175.5187, 0.2924,
0.3094

■ 13.7872, 0.2661,
0.2837

215.9031, 0.2938,
0.3107

■ 7.9728, 0.2571,
0.2749

262.0506, 0.2949,
0.3118

■ 4.0776, 0.2441,
0.2619

314.3456, 0.2960,

■ 1.7170, 0.2233,

0.3128

0.2412

373.1724, 0.2969,
0.3137

0.4347, 0.1645,
0.1855

0.0000, 0.0000,
0.0000

63.9241, 0.2844,
0.3016

63.9241, 0.2844,
0.3016

54.6886, 0.2676,
0.2838

74.2121, 0.3006,
0.3176

46.4609, 0.2505,
0.2644

85.5793, 0.3159,
0.3319

39.2048, 0.2336,
0.2435

96.4153, 0.3247,
0.3448

32.8783, 0.2174,
0.2216

98.7774, 0.3244,
0.3483

■ 27.4357, 0.2025,
0.1992

■ 22.8267, 0.1896,
0.1770

■ 18.9937, 0.1792,
0.1557

■ 15.8633, 0.1715,
0.1362

■ 15.2676, 0.1701,
0.1323

Harmonies

Analogous

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



63.9241, 0.2793, 0.3107



63.9241, 0.2844, 0.3016



63.9241, 0.2970, 0.2999

Triad

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



63.9241, 0.2844, 0.3016



63.9241, 0.3435, 0.3315



63.9241, 0.3107, 0.3543

Complementary

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



63.9241, 0.2844, 0.3016



71.1208, 0.3428, 0.3550

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.



63.9241, 0.3280, 0.3598



63.9241, 0.2844, 0.3016



63.9241, 0.3473, 0.3460

Square

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



63.9241, 0.2844, 0.3016



63.9241, 0.3312, 0.3169



63.9241, 0.3415, 0.3565



63.9241, 0.2942, 0.3414

Rectangle

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



63.9241, 0.2844, 0.3016



63.9241, 0.3081, 0.3029



63.9241, 0.3415, 0.3565



63.9241, 0.3166, 0.3571

Sweetspot

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



63.9267, 0.2844, 0.3016



93.1041, 0.3050, 0.3219



75.7441, 0.2963, 0.3496



19.7264, 0.3039, 0.3208



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.



63.9267, 0.2844, 0.3016



73.2389, 0.2790, 0.2961



55.8426, 0.2853, 0.2806



15.6116, 0.2980, 0.3152



8.7403, 0.1709, 0.1352



0.8738, 0.1784, 0.1622

Inverse Universe

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



60.5005, 0.3330, 0.3095



68.6482, 0.3374, 0.3058



80.4457, 0.3376, 0.3737



15.1613, 0.3226, 0.3189



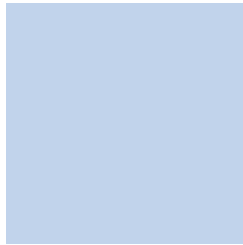
10.3751, 0.5255, 0.2669



0.8336, 0.4903, 0.2475

Previews

White Background



This preview shows how the Yxy color 63.9241, 0.2844, 0.3016 looks on a white background.

Color Contrast Check

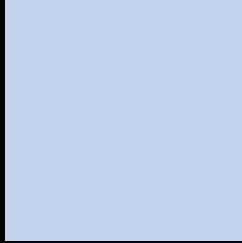
Large Text (above 18pt) WCAG AA × Fail

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 63.9241, 0.2844, 0.3016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

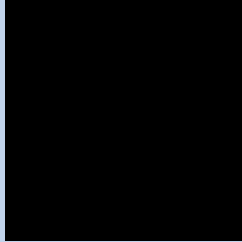
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

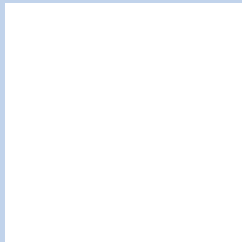
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.9241, 0.2844, 0.3016

Background



This preview shows how black text looks on a background with the Yxy color 63.9241, 0.2844, 0.3016.



This preview shows how white text looks on a background with the Yxy color 63.9241, 0.2844, 0.3016.

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

63.9241, 0.2844, 0.3016

Protanopia

64.1168, 0.2945, 0.3010

Deuteranopia

63.8408, 0.2996, 0.2940



Tritanopia

63.9506, 0.2875, 0.3094

Trichromacy



Original Color

63.9241, 0.2844, 0.3016

Protanomaly

63.9589, 0.2904, 0.3008

Deuteranomaly

64.0917, 0.2939, 0.2968

Tritanomaly

64.0630, 0.2862, 0.3071

Monochromacy



Original Color

63.9241, 0.2844, 0.3016

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.3594, 0.3022, 0.3187

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.9241, 0.2844, 0.3016 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(193, 211, 235)` looks like.

```
.text, #text, p{  
    color:rgb(193, 211, 235)  
}
```

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(193, 211, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 211, 235) }
```

Border

The CSS property to change the border of an element to Yxy 63.9241, 0.2844, 0.3016 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(193, 211, 235) }
```

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

```
.border{ border-color:rgb(193, 211, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 211, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 211, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 211, 235);  
box-shadow:4px 4px 4px 4px rgb(193, 211,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 63.9241, 0.2844, 0.3016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 211, 235) }
```

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

```
.background{ background-color: rgb(193,  
211, 235) }
```

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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