

Converting Colors

$Yxy(60.2852, 0.2782, 0.2832)$

Have a look what the booklet for
Yxy(60.2852, 0.2782, 0.2832)
contains.

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Color

Yxy(60.3894, 0.2783, 0.2835)

Conversions

Conversions Part 1

Format	Color
Hex	C0CBF3
RGB	192, 203, 243
RGB Percent	75%, 80%, 95%
CMY	0.2469, 0.2040, 0.0470
CMYK	0.21, 0.16, 0.00, 0.05
HSL	227°, 68%, 85%
HSV	227°, 21%, 95%
XYZ	59.2817, 60.3894, 93.3426
YIQ	204.2710, -19.3960, 10.1080

Conversions

Conversions Part 2

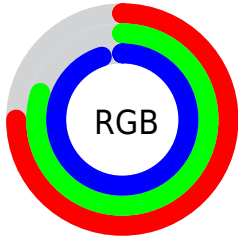
Format	Color
R_{YB}	192, 201, 243
Decimal	12635123
CIE _{Lab}	82.05, 4.57, -20.94
CIE _{LCh}	82, 21.435, 282.318
Yxy	60.3894, 0.2783, 0.2835
Android (android.graphics.Color)	4290825203 (0xFFC0CBF3)
YUV	204.2710, 19.0934, -10.7617
Hunter-Lab	77.7106, 0.1756, -16.8191

Details

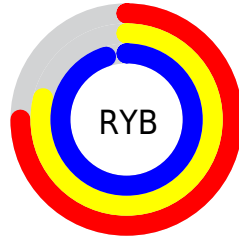
The Yxy color $60.3894, 0.2783, 0.2835$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $80.6209, 0.3466, 0.3707$, and the grayscale version is $60.4556, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.8797, 0.3090, 0.3290$, and $30.4860, 0.2696, 0.2722$ is the 20% darker color. If you saturate the color by 10%, you get $49.0114, 0.2599, 0.2579$, and if you desaturate by 10%, it is $73.4055, 0.2955, 0.3066$.

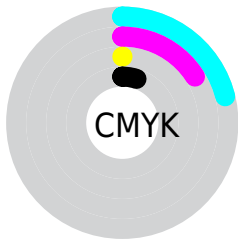
Distribution



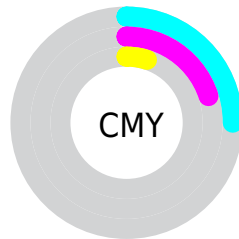
- Red (75%)
- Green (80%)
- Blue (95%)



- Red (75%)
- Yellow (79%)
- Blue (95%)



- Cyan (21%)
- Magenta (16%)
- Yellow (0%)
- Black (5%)



- Cyan (25%)
- Magenta (20%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.3894, 0.2783, 0.2835 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 60.3894, 0.2783, 0.2835 by changing the saturation by 10% instead.

■ 60.3894, 0.2783,
0.2835

■ 60.3894, 0.2783,
0.2835

426.0316, 0.2947,
0.3048

■ 43.7326, 0.2745,
0.2786

■ 105.3943, 0.2841,
0.2909

■ 30.4603, 0.2697,
0.2725

134.5112, 0.2863,
0.2938

■ 20.1883, 0.2635,
0.2647

168.5503, 0.2882,
0.2963

■ 12.5320, 0.2554,
0.2545

207.8959, 0.2898,
0.2985

■ 7.1071, 0.2442,
0.2406

252.9324, 0.2913,
0.3004

■ 3.5291, 0.2278,
0.2206

304.0443, 0.2925,

■ 1.4138, 0.2017,

0.3020

0.1899

361.6159, 0.2937,
0.3035

0.2269, 0.1322,
0.0917

0.0000, 0.0000,
0.0000

60.3894, 0.2783,
0.2835

60.3894, 0.2783,
0.2835

49.0114, 0.2599,
0.2579

73.4055, 0.2955,
0.3066

39.1983, 0.2406,
0.2300

88.1143, 0.3113,
0.3271

30.8823, 0.2212,
0.2007

99.2524, 0.3197,
0.3405

23.9872, 0.2025,
0.1709

■ 18.4303, 0.1857,
0.1422

■ 14.1193, 0.1717,
0.1163

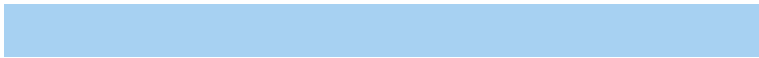
■ 10.9491, 0.1615,
0.0948

■ 8.9457, 0.1555,
0.0799

Harmonies

Analogous

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



60.3894, 0.2637, 0.2907



60.3894, 0.2783, 0.2835



60.3894, 0.3024, 0.2877

Triad

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



60.3894, 0.2783, 0.2835



60.3894, 0.3667, 0.3455



60.3894, 0.2939, 0.3588

Complementary

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



60.3894, 0.2783, 0.2835



80.6209, 0.3466, 0.3707

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.



60.3894, 0.3211, 0.3750



60.3894, 0.2783, 0.2835



60.3894, 0.3638, 0.3656

Square

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



60.3894, 0.2783, 0.2835



60.3894, 0.3543, 0.3224



60.3894, 0.3469, 0.3770



60.3894, 0.2724, 0.3338

Rectangle

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



60.3894, 0.2783, 0.2835



60.3894, 0.3211, 0.2961



60.3894, 0.3469, 0.3770



60.3894, 0.3027, 0.3656

Sweetspot

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



60.3919, 0.2783, 0.2835



89.7856, 0.3035, 0.3171



81.1514, 0.2874, 0.3411



18.9889, 0.3025, 0.3158



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.



60.3919, 0.2783, 0.2835



61.9635, 0.2709, 0.2733



57.3815, 0.2877, 0.2723



16.5035, 0.2979, 0.3098



5.0677, 0.1562, 0.0821



0.5898, 0.1623, 0.1041

Inverse Universe

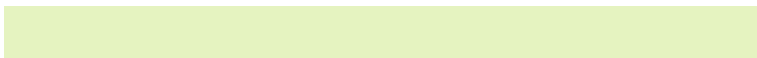
The Inverse Universe completely reimagines the original color for something new.



61.0876, 0.3461, 0.3174



63.0357, 0.3545, 0.3150



84.5109, 0.3344, 0.3831



16.5408, 0.3260, 0.3239



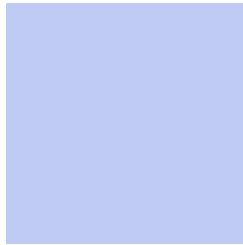
10.6110, 0.6036, 0.3099



0.9472, 0.5697, 0.2912

Previews

White Background



This preview shows how the Yxy color 60.3894, 0.2783, 0.2835 looks on a white background.

Color Contrast Check

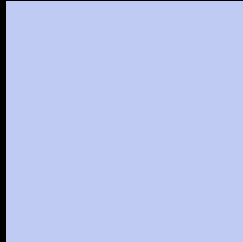
Large Text (above 18pt) WCAG AA × Fail

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 60.3894, 0.2783, 0.2835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

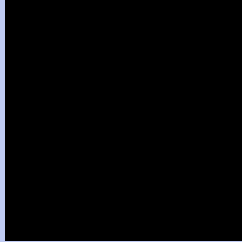
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.3894, 0.2783, 0.2835

Background



This preview shows how black text looks on a background with the Yxy color 60.3894, 0.2783, 0.2835.

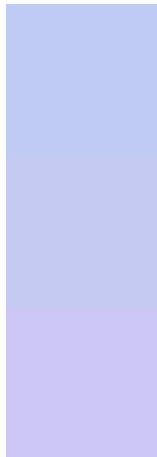


This preview shows how white text looks on a background with the Yxy color 60.3894, 0.2783, 0.2835.

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

60.3894, 0.2783, 0.2835

Protanopia

60.3876, 0.2815, 0.2838

Deuteranopia

60.2159, 0.2857, 0.2790



Tritanopia

60.1617, 0.2882, 0.3089

Trichromacy



Original Color

60.3894, 0.2783, 0.2835

Protanomaly

60.2540, 0.2809, 0.2837

Deuteranomaly

60.1196, 0.2829, 0.2797

Tritanomaly

60.1946, 0.2844, 0.2998

Monochromacy



Original Color

60.3894, 0.2783, 0.2835

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.5270, 0.3000, 0.3127

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3894, 0.2783, 0.2835 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(192, 203, 243)` looks like.

```
.text, #text, p{  
    color:rgb(192, 203, 243)  
}
```

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(192, 203, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 203, 243) }
```

Border

The CSS property to change the border of an element to Yxy 60.3894, 0.2783, 0.2835 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(192, 203, 243) }
```

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

```
.border{ border-color:rgb(192, 203, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 203, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 203, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 203, 243);  
box-shadow:4px 4px 4px 4px rgb(192, 203,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3894, 0.2783, 0.2835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 203, 243) }
```

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

```
.background{ background-color: rgb(192,  
203, 243) }
```

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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