

Converting Colors

Yxy(64.2894, 0.2712, 0.2789)

Have a look what the booklet for
Yxy(64.2894, 0.2712, 0.2789)
contains.

Yxy(64.3896, 0.2713, 0.2791)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(64.3896, 0.2713, 0.2791)

Conversions

Conversions Part 1

Format	Color
Hex	BFD2FF
RGB	191, 210, 255
RGB Percent	75%, 82%, 100%
CMY	0.2508, 0.1765, 0.0001
CMYK	0.25, 0.18, 0.00, 0.00
HSL	222°, 100%, 87%
HSV	222°, 25%, 100%
XYZ	62.5901, 64.3896, 103.7247
YIQ	209.4490, -25.7690, 9.9670

Conversions

Conversions Part 2

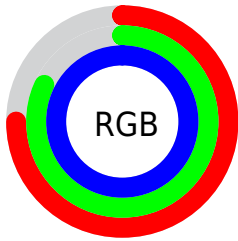
Format	Color
R_{YB}	191, 206, 255
Decimal	12571391
CIE _{Lab}	84.17, 3.24, -24.09
CIE _{LCh}	84, 24.304, 277.670
Yxy	64.3896, 0.2713, 0.2791
Android (android.graphics.Color)	4290761471 (0xFFBFD2FF)
YUV	209.4490, 22.4566, -16.1798
Hunter-Lab	80.2431, -1.1944, -20.4699

Details

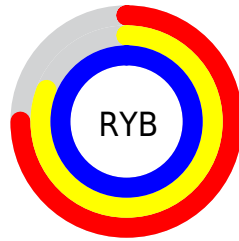
The Yxy color **64.3896, 0.2713, 0.2791** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.0398, 0.3550, 0.3743**, and the grayscale version is **63.9386, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6965, 0.3084, 0.3290**, and **33.0884, 0.2611, 0.2681** is the 20% darker color. If you saturate the color by 10%, you get **52.9984, 0.2531, 0.2553**, and if you desaturate by 10%, it is **77.3551, 0.2887, 0.3007**.

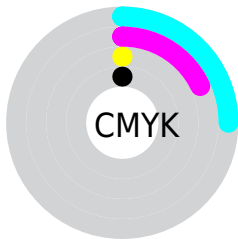
Distribution



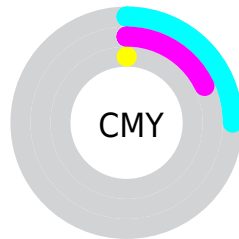
- Red (75%)
- Green (82%)
- Blue (100%)



- Red (75%)
- Yellow (81%)
- Blue (100%)



- Cyan (25%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.3896, 0.2713, 0.2791 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 64.3896, 0.2713, 0.2791 by changing the saturation by 10% instead.

■ 64.3896, 0.2713,
0.2791

■ 64.3896, 0.2713,
0.2791

■ 440.5952, 0.2907,
0.3022

■ 46.9663, 0.2668,
0.2738

■ 111.1718, 0.2781,
0.2871

■ 33.0090, 0.2613,
0.2673

■ 141.2996, 0.2807,
0.2902

■ 22.1334, 0.2543,
0.2592

■ 176.4309, 0.2829,
0.2929

■ 13.9549, 0.2452,
0.2485

■ 216.9502, 0.2849,
0.2953

■ 8.0893, 0.2328,
0.2342

■ 263.2419, 0.2866,
0.2973

■ 4.1522, 0.2151,
0.2141

■ 315.6903, 0.2881,

■ 1.7590, 0.1883,

0.2992

0.1840

374.6800, 0.2895,
0.3008

0.4614, 0.1379,
0.1229

0.0000, 0.0000,
0.0000

64.3896, 0.2713,
0.2791

64.3896, 0.2713,
0.2791

52.9984, 0.2531,
0.2553

77.3551, 0.2887,
0.3007

43.1112, 0.2345,
0.2296

91.9460, 0.3049,
0.3201

34.6639, 0.2163,
0.2027

99.9991, 0.3127,
0.3290

27.5838, 0.1991,
0.1755

■ 21.7917, 0.1841,
0.1492

■ 17.1985, 0.1719,
0.1251

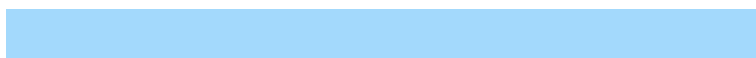
■ 13.7007, 0.1631,
0.1044

■ 12.3241, 0.1599,
0.0957

Harmonies

Analogous

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



64.3896, 0.2573, 0.2888



64.3896, 0.2713, 0.2791



64.3896, 0.2966, 0.2820

Triad

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



64.3896, 0.2713, 0.2791



64.3896, 0.3717, 0.3431



64.3896, 0.2962, 0.3659

Complementary

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



64.3896, 0.2713, 0.2791



85.0398, 0.3550, 0.3743

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.



64.3896, 0.3266, 0.3817



64.3896, 0.2713, 0.2791



64.3896, 0.3711, 0.3664

Square

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



64.3896, 0.2713, 0.2791



64.3896, 0.3554, 0.3177



64.3896, 0.3542, 0.3812



64.3896, 0.2711, 0.3388

Rectangle

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



64.3896, 0.2713, 0.2791



64.3896, 0.3171, 0.2902



64.3896, 0.3542, 0.3812



64.3896, 0.3062, 0.3728

Sweetspot

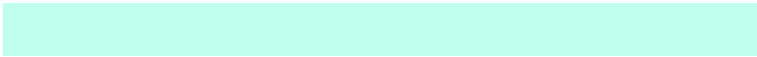
The Sweet Spot groups the original color and five complimentary colors.



64.3922, 0.2713, 0.2791



87.5136, 0.3003, 0.3146



88.6396, 0.2855, 0.3496



18.2546, 0.2979, 0.3118



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.



64.3922, 0.2713, 0.2791



58.5929, 0.2624, 0.2676



57.3193, 0.2781, 0.2590



18.2546, 0.2979, 0.3118



6.6648, 0.1607, 0.0985



0.8292, 0.1668, 0.1203

Inverse Universe

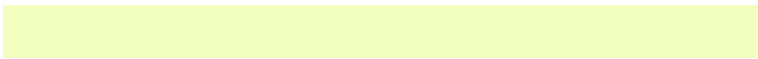
The Inverse Universe completely reimagines the original color for something new.



63.1955, 0.3504, 0.3096



57.5248, 0.3603, 0.3056



94.1879, 0.3422, 0.3937



18.0756, 0.3247, 0.3220



11.4008, 0.5782, 0.2959



1.1282, 0.5462, 0.2782

Previews

White Background



This preview shows how the Yxy color 64.3896, 0.2713, 0.2791 looks on a white background.

Color Contrast Check

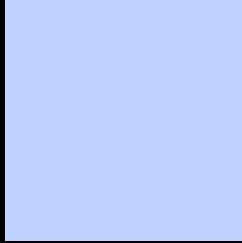
Large Text (above 18pt) WCAG AA × Fail

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 64.3896, 0.2713, 0.2791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

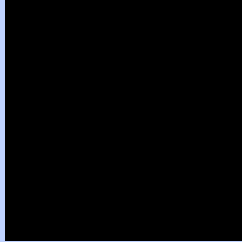
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.3896, 0.2713, 0.2791

Background



This preview shows how black text looks on a background with the Yxy color 64.3896, 0.2713, 0.2791.



This preview shows how white text looks on a background with the Yxy color 64.3896, 0.2713, 0.2791.

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

64.3896, 0.2713, 0.2791

Protanopia

64.4830, 0.2780, 0.2797

Deuteranopia

64.1480, 0.2812, 0.2750



Tritanopia

64.3018, 0.2824, 0.3092

Trichromacy



Original Color

64.3896, 0.2713, 0.2791

Protanomaly

64.6270, 0.2756, 0.2795

Deuteranomaly

64.2632, 0.2774, 0.2766

Tritanomaly

64.5711, 0.2783, 0.2982

Monochromacy



Original Color

64.3896, 0.2713, 0.2791

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.6485, 0.2962, 0.3096

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.3896, 0.2713, 0.2791 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(191, 210, 255)` looks like.

```
.text, #text, p{  
    color:rgb(191, 210, 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(191, 210, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 210, 255) }
```

Border

The CSS property to change the border of an element to Yxy 64.3896, 0.2713, 0.2791 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(191, 210, 255) }
```

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

```
.border{ border-color:rgb(191, 210, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 210, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 210, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 210, 255); box-shadow:4px 4px 4px 4px rgb(191, 210, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 64.3896, 0.2713, 0.2791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 210, 255) }
```

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

```
.background{ background-color: rgb(191,  
210, 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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