

Converting Colors

$Yxy(71.7604, 0.2804, 0.2925)$

Have a look what the booklet for
Yxy(71.7604, 0.2804, 0.2925)
contains.

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Color

Yxy(71.7703, 0.2804, 0.2924)

Conversions

Conversions Part 1

Format	Color
Hex	CCDDFF
RGB	204, 221, 255
RGB Percent	80%, 87%, 100%
CMY	0.1997, 0.1334, 0.0000
CMYK	0.20, 0.13, 0.00, 0.00
HSL	220°, 100%, 90%
HSV	220°, 20%, 100%
XYZ	68.8249, 71.7703, 104.8573
YIQ	219.7930, -21.0460, 6.9700

Conversions

Conversions Part 2

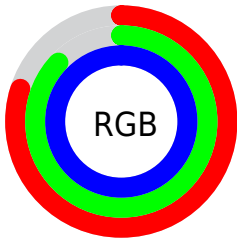
Format	Color
R_{YB}	204, 217, 255
Decimal	13426175
CIE _{Lab}	87.86, 1.33, -18.44
CIE _{LCh}	88, 18.487, 274.123
Yxy	71.7703, 0.2804, 0.2924
Android (android.graphics.Color)	4291616255 (0xFFCCDDFF)
YUV	219.7930, 17.3571, -13.8505
Hunter-Lab	84.7174, -3.2409, -14.0829

Details

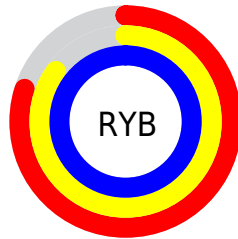
The Yxy color **71.7703, 0.2804, 0.2924** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.8196, 0.3460, 0.3631**, and the grayscale version is **71.3131, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.7392, 0.2728, 0.2843** is the 20% darker color. If you saturate the color by 10%, you get **59.9161, 0.2628, 0.2709**, and if you desaturate by 10%, it is **85.1287, 0.2971, 0.3118**.

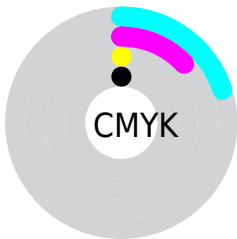
Distribution



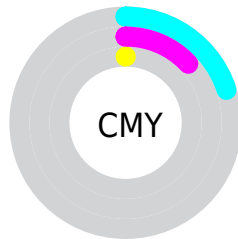
- Red (80%)
- Green (87%)
- Blue (100%)



- Red (80%)
- Yellow (85%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.7703, 0.2804, 0.2924 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 71.7703, 0.2804, 0.2924 by changing the saturation by 10% instead.

■ 71.7703, 0.2804,
0.2924

■ 71.7703, 0.2804,
0.2924

466.7417, 0.2953,
0.3092

■ 52.9711, 0.2770,
0.2886

121.7299, 0.2855,
0.2982

■ 37.7797, 0.2729,
0.2839

153.6591, 0.2876,
0.3005

■ 25.8117, 0.2676,
0.2781

190.7336, 0.2893,
0.3024

■ 16.6828, 0.2608,
0.2705

233.3380, 0.2908,
0.3041

■ 10.0086, 0.2517,
0.2603

281.8566, 0.2921,
0.3056

■ 5.4047, 0.2387,
0.2459

336.6739, 0.2933,

■ 2.4866, 0.2191,

0.3069

0.2243

398.1741, 0.2943,
0.3081

0.8699, 0.1865,
0.1888

0.0000, 0.0000,
0.0000

71.7703, 0.2804,
0.2924

71.7703, 0.2804,
0.2924

59.9161, 0.2628,
0.2709

85.1287, 0.2971,
0.3118

49.5073, 0.2447,
0.2475

100.0000, 0.3127,
0.3290

40.4855, 0.2266,
0.2225

32.7867, 0.2093,
0.1966

■ 26.3415, 0.1935,
0.1707

■ 21.0727, 0.1800,
0.1460

■ 16.8924, 0.1696,
0.1235

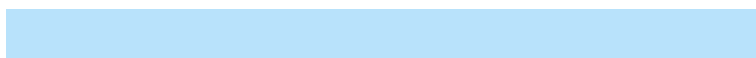
■ 13.6773, 0.1623,
0.1043

■ 13.6699, 0.1623,
0.1043

Harmonies

Analogous

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



71.7703, 0.2710, 0.3011



71.7703, 0.2804, 0.2924



71.7703, 0.2985, 0.2932

Triad

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



71.7703, 0.2804, 0.2924



71.7703, 0.3550, 0.3376



71.7703, 0.3034, 0.3576

Complementary

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



71.7703, 0.2804, 0.2924



86.8196, 0.3460, 0.3631

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.



71.7703, 0.3259, 0.3678



71.7703, 0.2804, 0.2924



71.7703, 0.3562, 0.3552

Square

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



71.7703, 0.2804, 0.2924



71.7703, 0.3419, 0.3187



71.7703, 0.3453, 0.3666



71.7703, 0.2839, 0.3389

Rectangle

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



71.7703, 0.2804, 0.2924



71.7703, 0.3134, 0.2987



71.7703, 0.3453, 0.3666



71.7703, 0.3108, 0.3622

Sweetspot

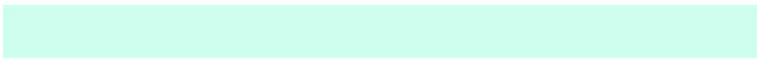
The Sweet Spot groups the original color and five complimentary colors.



71.7713, 0.2804, 0.2924



90.8658, 0.3035, 0.3189



90.5411, 0.2916, 0.3469



19.2436, 0.3025, 0.3178



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.



71.7713, 0.2804, 0.2924



66.8209, 0.2734, 0.2840



64.5169, 0.2850, 0.2745



18.3634, 0.2979, 0.3127



7.3861, 0.1631, 0.1072



0.9101, 0.1693, 0.1295

Inverse Universe

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



69.6968, 0.3397, 0.3119



64.6162, 0.3466, 0.3083



95.5682, 0.3373, 0.3799



18.0866, 0.3242, 0.3211



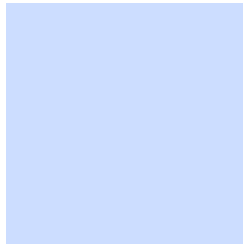
11.4736, 0.5651, 0.2887



1.1364, 0.5333, 0.2712

Previews

White Background



This preview shows how the Yxy color 71.7703, 0.2804, 0.2924 looks on a white background.

Color Contrast Check

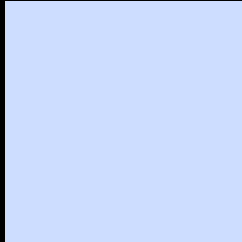
Large Text (above 18pt) WCAG AA × Fail

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 71.7703, 0.2804, 0.2924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

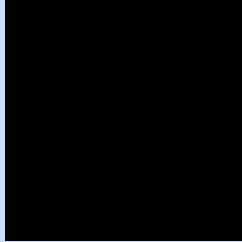
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

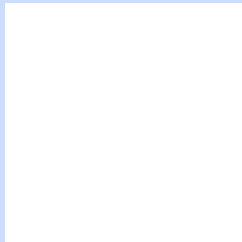
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.7703, 0.2804, 0.2924

Background



This preview shows how black text looks on a background with the Yxy color 71.7703, 0.2804, 0.2924.



This preview shows how white text looks on a background with the Yxy color 71.7703, 0.2804, 0.2924.

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

71.7703, 0.2804, 0.2924

Protanopia

71.5308, 0.2878, 0.2919

Deuteranopia

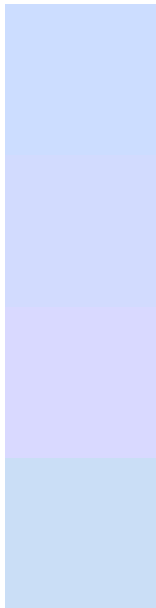
71.6682, 0.2931, 0.2874



Tritanopia

71.5437, 0.2867, 0.3091

Trichromacy



Original Color

71.7703, 0.2804, 0.2924

Protanomaly

71.5204, 0.2846, 0.2917

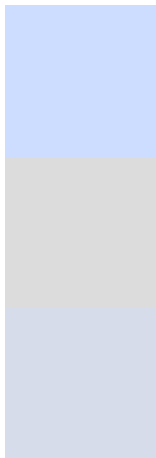
Deuteranomaly

71.5974, 0.2885, 0.2890

Tritanomaly

71.4529, 0.2844, 0.3028

Monochromacy



Original Color

71.7703, 0.2804, 0.2924

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.3657, 0.3001, 0.3148

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.7703, 0.2804, 0.2924 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(204, 221, 255)` looks like.

```
.text, #text, p{  
    color:rgb(204, 221, 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(204, 221, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 221, 255) }
```

Border

The CSS property to change the border of an element to Yxy 71.7703, 0.2804, 0.2924 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(204, 221, 255) }
```

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

```
.border{ border-color:rgb(204, 221, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 221, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 221, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 221, 255);  
box-shadow:4px 4px 4px 4px rgb(204, 221,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 71.7703, 0.2804, 0.2924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 221, 255) }
```

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

```
.background{ background-color: rgb(204,  
221, 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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