

Converting Colors

$Y_{xy}(79.0280, 0.2479, 0.2386)$

Have a look what the booklet for
Yxy(79.0280, 0.2479, 0.2386)
contains.

Yxy(74.3092, 0.2801, 0.2979)	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(74.3092, 0.2801, 0.2979)

Conversions

Conversions Part 1

Format	Color
Hex	CBE2FF
RGB	203, 226, 255
RGB Percent	80%, 89%, 100%
CMY	0.2040, 0.1137, 0.0000
CMYK	0.20, 0.11, 0.00, 0.00
HSL	213°, 100%, 90%
HSV	213°, 20%, 100%
XYZ	69.8691, 74.3092, 105.2651
YIQ	222.4290, -23.0170, 4.1430

Conversions

Conversions Part 2

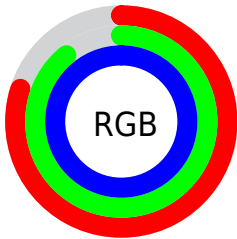
Format	Color
R _Y B	203, 219, 255
Decimal	13361919
CIE Lab	89.07, -1.63, -16.61
CIE LCh	89, 16.687, 264.397
Yxy	74.3092, 0.2801, 0.2979
Android (android.graphics.Color)	4291551999 (0xFFCBE2FF)
YUV	222.4290, 16.0575, -17.0392
Hunter-Lab	86.2028, -6.1770, -12.0591

Details

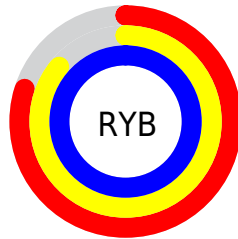
The Yxy color **74.3092, 0.2801, 0.2979** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83.2620, 0.3479, 0.3582**, and the grayscale version is **73.2614, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.4989, 0.2727, 0.2914** is the 20% darker color. If you saturate the color by 10%, you get **63.6119, 0.2632, 0.2801**, and if you desaturate by 10%, it is **86.2417, 0.2965, 0.3140**.

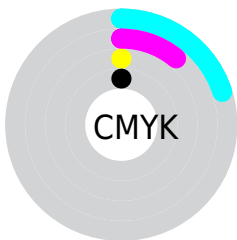
Distribution



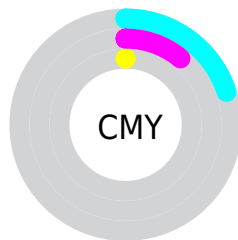
- Red (80%)
- Green (89%)
- Blue (100%)



- Red (80%)
- Yellow (86%)
- Blue (100%)



- Cyan (20%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.3092, 0.2801, 0.2979 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 74.3092, 0.2801, 0.2979 by changing the saturation by 10% instead.

■ 74.3092, 0.2801,
0.2979

■ 74.3092, 0.2801,
0.2979

475.5398, 0.2950,
0.3122

■ 55.0471, 0.2767,
0.2947

125.3340, 0.2852,
0.3028

■ 39.4395, 0.2726,
0.2907

157.8656, 0.2872,
0.3048

■ 27.1018, 0.2675,
0.2857

195.5891, 0.2890,
0.3064

■ 17.6497, 0.2608,
0.2792

238.8890, 0.2905,
0.3079

■ 10.6988, 0.2518,
0.2705

288.1496, 0.2918,
0.3091

■ 5.8647, 0.2393,
0.2582

343.7553, 0.2930,

■ 2.7630, 0.2204,

0.3103

0.2395

406.0906, 0.2941,
0.3113

1.0093, 0.1893,
0.2085

0.0000, 0.0000,
0.0000

74.3092, 0.2801,
0.2979

74.3092, 0.2801,
0.2979

63.6119, 0.2632,
0.2801

86.2417, 0.2965,
0.3140

54.0965, 0.2462,
0.2606

99.4419, 0.3121,
0.3285

45.7188, 0.2295,
0.2399

99.9998, 0.3127,
0.3290

38.4279, 0.2137,
0.2182

■ 32.1681, 0.1995,
0.1962

■ 26.8773, 0.1874,
0.1745

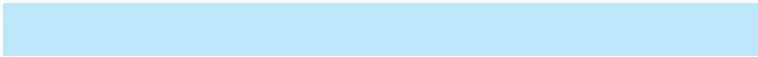
■ 22.4839, 0.1778,
0.1540

■ 19.0113, 0.1711,
0.1358

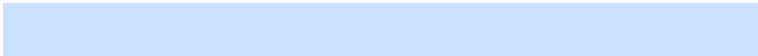
Harmonies

Analogous

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



74.3092, 0.2746, 0.3084



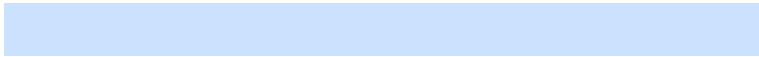
74.3092, 0.2801, 0.2979



74.3092, 0.2942, 0.2958

Triad

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



74.3092, 0.2801, 0.2979



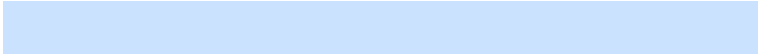
74.3092, 0.3476, 0.3313



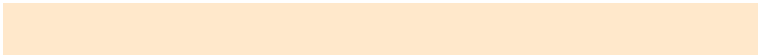
74.3092, 0.3109, 0.3584

Complementary

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



74.3092, 0.2801, 0.2979



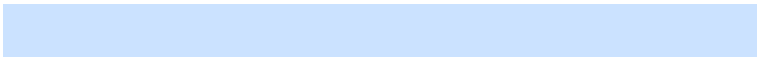
83.2620, 0.3479, 0.3582

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.



74.3092, 0.3307, 0.3643



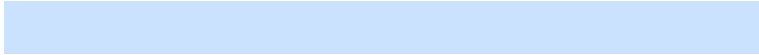
74.3092, 0.2801, 0.2979



74.3092, 0.3523, 0.3478

Square

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



74.3092, 0.2801, 0.2979



74.3092, 0.3333, 0.3147



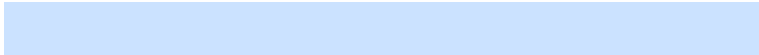
74.3092, 0.3460, 0.3601



74.3092, 0.2921, 0.3437

Rectangle

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



74.3092, 0.2801, 0.2979



74.3092, 0.3068, 0.2990



74.3092, 0.3460, 0.3601



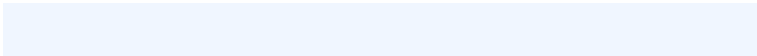
74.3092, 0.3177, 0.3615

Sweetspot

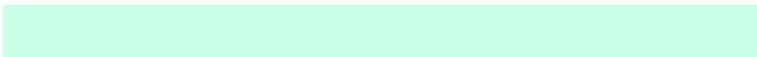
The Sweet Spot groups the original color and five complimentary colors.



74.3122, 0.2801, 0.2979



91.8937, 0.3035, 0.3206



90.0145, 0.2944, 0.3539



19.4862, 0.3024, 0.3196



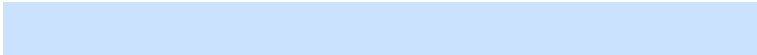
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.3122, 0.2801, 0.2979



70.3230, 0.2741, 0.2917



62.9819, 0.2802, 0.2726



18.7016, 0.2979, 0.3154



10.2205, 0.1719, 0.1388



1.2087, 0.1780, 0.1607

Inverse Universe

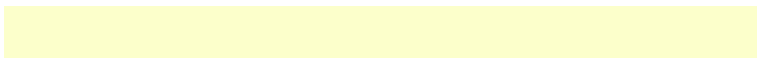
The Inverse Universe completely reimagines the original color for something new.



69.4519, 0.3360, 0.3058



64.9697, 0.3412, 0.3015



96.5987, 0.3419, 0.3803



18.1207, 0.3224, 0.3185



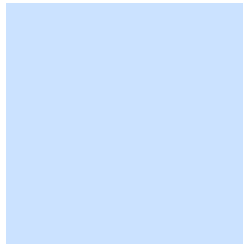
11.7597, 0.5207, 0.2642



1.1666, 0.4923, 0.2486

Previews

White Background



This preview shows how the Yxy color 74.3092, 0.2801, 0.2979 looks on a white background.

Color Contrast Check

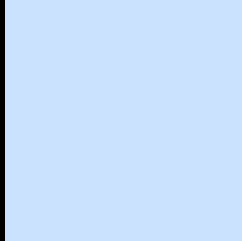
Large Text (above 18pt) WCAG AA × Fail

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 74.3092, 0.2801, 0.2979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

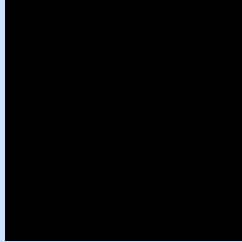
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

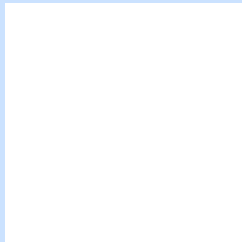
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.3092, 0.2801, 0.2979

Background



This preview shows how black text looks on a background with the Yxy color 74.3092, 0.2801, 0.2979.



This preview shows how white text looks on a background with the Yxy color 74.3092, 0.2801, 0.2979.

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

74.3092, 0.2801, 0.2979

Protanopia

74.3309, 0.2918, 0.2975

Deuteranopia

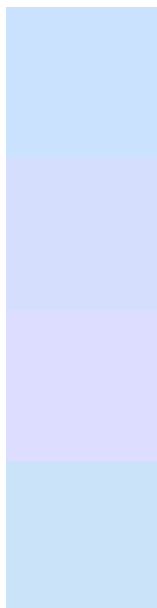
74.0208, 0.2965, 0.2910



Tritanopia

74.5581, 0.2841, 0.3094

Trichromacy



Original Color

74.3092, 0.2801, 0.2979

Protanomaly

74.0133, 0.2874, 0.2972

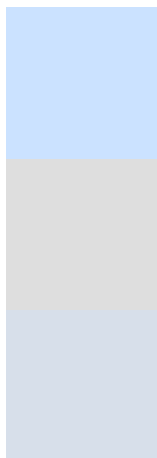
Deuteranomaly

74.1485, 0.2906, 0.2935

Tritanomaly

74.3343, 0.2829, 0.3052

Monochromacy



Original Color

74.3092, 0.2801, 0.2979

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.1629, 0.3002, 0.3171

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.3092, 0.2801, 0.2979 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(203, 226, 255)` looks like.

```
.text, #text, p{  
    color:rgb(203, 226, 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(203, 226, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 226, 255) }
```

Border

The CSS property to change the border of an element to Yxy 74.3092, 0.2801, 0.2979 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(203, 226, 255) }
```

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

```
.border{ border-color:rgb(203, 226, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 226, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 226, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 226, 255);  
box-shadow:4px 4px 4px 4px rgb(203, 226,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 74.3092, 0.2801, 0.2979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 226, 255) }
```

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

```
.background{ background-color: rgb(203,  
226, 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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