

Converting Colors

$Yxy(79.0171, 0.2386, 0.2311)$

Have a look what the booklet for
Yxy(79.0171, 0.2386, 0.2311)
contains.

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Color

Yxy(73.3646, 0.2736, 0.2984)

Conversions

Conversions Part 1

Format	Color
Hex	C0E3FF
RGB	192, 227, 255
RGB Percent	75%, 89%, 100%
CMY	0.2469, 0.1098, 0.0000
CMYK	0.25, 0.11, 0.00, 0.00
HSL	207°, 100%, 88%
HSV	207°, 25%, 100%
XYZ	67.2673, 73.3646, 105.2280
YIQ	219.7270, -29.8480, 1.2880

Conversions

Conversions Part 2

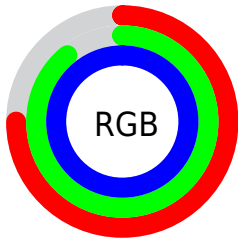
Format	Color
R _Y B	192, 215, 255
Decimal	12641279
CIE Lab	88.62, -5.37, -17.36
CIE LCh	89, 18.168, 252.793
Yxy	73.3646, 0.2736, 0.2984
Android (android.graphics.Color)	4290831359 (0xFFC0E3FF)
YUV	219.7270, 17.3896, -24.3166
Hunter-Lab	85.6531, -9.7089, -12.8828

Details

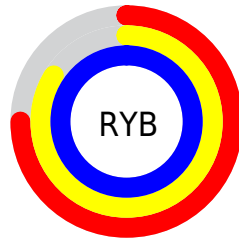
The Yxy color **73.3646, 0.2736, 0.2984** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **76.2861, 0.3581, 0.3577**, and the grayscale version is **71.2695, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8797, 0.3090, 0.3290**, and **38.9006, 0.2647, 0.2920** is the 20% darker color. If you saturate the color by 10%, you get **64.3174, 0.2575, 0.2838**, and if you desaturate by 10%, it is **83.4025, 0.2897, 0.3118**.

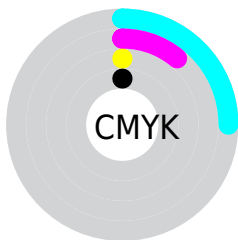
Distribution



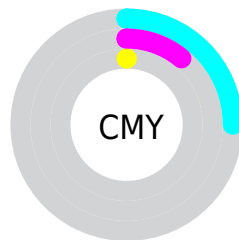
- Red (75%)
- Green (89%)
- Blue (100%)



- Red (75%)
- Yellow (84%)
- Blue (100%)



- Cyan (25%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.3646, 0.2736, 0.2984 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 73.3646, 0.2736, 0.2984 by changing the saturation by 10% instead.

73.3646, 0.2736,
0.2984

73.3646, 0.2736,
0.2984

472.2775, 0.2914,
0.3126

54.2741, 0.2696,
0.2952

123.9947, 0.2797,
0.3033

38.8209, 0.2647,
0.2912

156.3031, 0.2821,
0.3052

26.6204, 0.2585,
0.2861

193.7862, 0.2842,
0.3069

17.2883, 0.2506,
0.2795

236.8286, 0.2860,
0.3083

10.4403, 0.2400,
0.2706

285.8145, 0.2876,
0.3096

5.6918, 0.2251,
0.2579

341.1283, 0.2890,

2.6586, 0.2031,

0.3107

0.2385

403.1545, 0.2903,
0.3117

0.9562, 0.1671,
0.2059

0.0000, 0.0000,
0.0000

73.3646, 0.2736,
0.2984

73.3646, 0.2736,
0.2984

64.3174, 0.2575,
0.2838

83.4025, 0.2897,
0.3118

56.2158, 0.2418,
0.2681

94.4589, 0.3055,
0.3238

49.0220, 0.2269,
0.2514

100.0000, 0.3127,
0.3290

42.6919, 0.2134,
0.2340

■ 37.1765, 0.2016,
0.2164

■ 32.4198, 0.1920,
0.1990

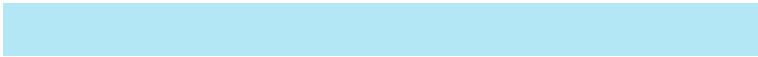
■ 28.3551, 0.1847,
0.1822

■ 26.4295, 0.1815,
0.1735

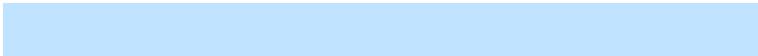
Harmonies

Analogous

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



73.3646, 0.2717, 0.3128



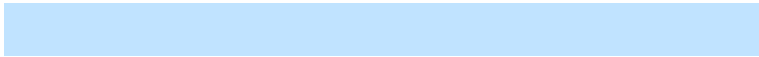
73.3646, 0.2736, 0.2984



73.3646, 0.2856, 0.2925

Triad

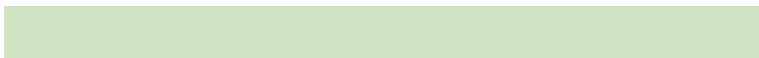
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.3646, 0.2736, 0.2984



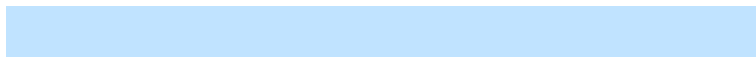
73.3646, 0.3459, 0.3242



73.3646, 0.3193, 0.3650

Complementary

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



73.3646, 0.2736, 0.2984



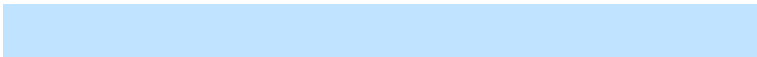
76.2861, 0.3581, 0.3577

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.



73.3646, 0.3397, 0.3671



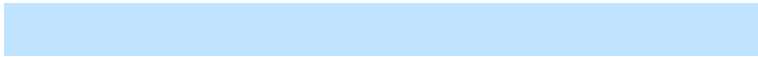
73.3646, 0.2736, 0.2984



73.3646, 0.3555, 0.3428

Square

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



73.3646, 0.2736, 0.2984



73.3646, 0.3272, 0.3074



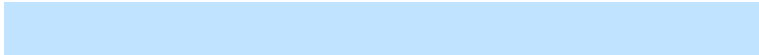
73.3646, 0.3532, 0.3586



73.3646, 0.2976, 0.3522

Rectangle

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



73.3646, 0.2736, 0.2984



73.3646, 0.2979, 0.2938



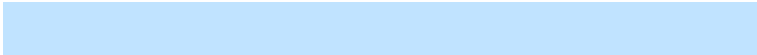
73.3646, 0.3532, 0.3586



73.3646, 0.3265, 0.3670

Sweetspot

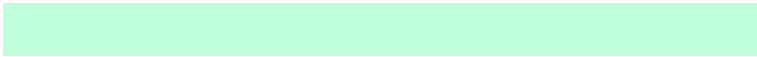
The Sweet Spot groups the original color and five complimentary colors.



73.3671, 0.2736, 0.2984



91.8073, 0.3019, 0.3211



87.8651, 0.2947, 0.3681



19.5045, 0.3009, 0.3204



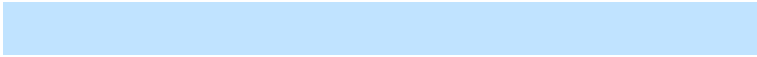
0.0000, 0.0000, 0.0000



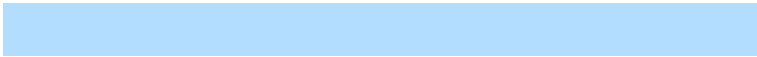
21.4041, 0.3127, 0.3290

Same Dimension

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



73.3671, 0.2736, 0.2984



68.4371, 0.2650, 0.2908



58.0254, 0.2705, 0.2634



19.0499, 0.2979, 0.3182



14.1127, 0.1823, 0.1762



1.5922, 0.1875, 0.1951

Inverse Universe

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



64.5278, 0.3366, 0.2937



58.5186, 0.3433, 0.2857



93.9397, 0.3511, 0.3871



18.1559, 0.3207, 0.3159



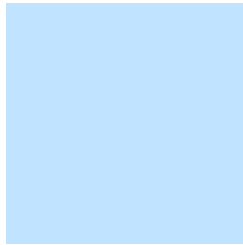
12.1527, 0.4731, 0.2380



1.2053, 0.4509, 0.2258

Previews

White Background



This preview shows how the Yxy color 73.3646, 0.2736, 0.2984 looks on a white background.

Color Contrast Check

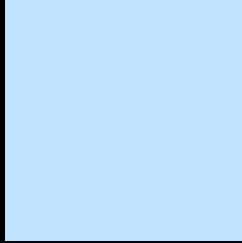
Large Text (above 18pt) WCAG AA × Fail

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 73.3646, 0.2736, 0.2984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

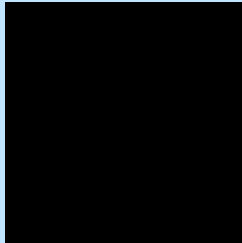
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

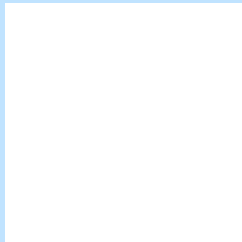
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.3646, 0.2736, 0.2984

Background



This preview shows how black text looks on a background with the Yxy color 73.3646, 0.2736, 0.2984.



This preview shows how white text looks on a background with the Yxy color 73.3646, 0.2736, 0.2984.

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

73.3646, 0.2736, 0.2984

Protanopia

72.9031, 0.2910, 0.2962

Deuteranopia

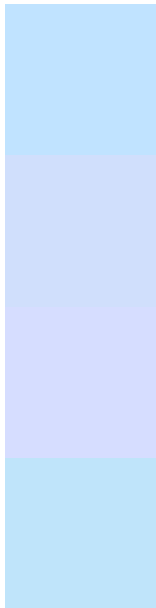
73.0145, 0.2945, 0.2897



Tritanopia

73.1494, 0.2768, 0.3079

Trichromacy



Original Color

73.3646, 0.2736, 0.2984

Protanomaly

73.2135, 0.2848, 0.2980

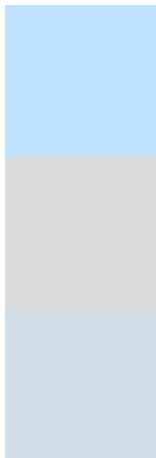
Deuteranomaly

73.2290, 0.2867, 0.2931

Tritanomaly

73.4653, 0.2758, 0.3047

Monochromacy



Original Color

73.3646, 0.2736, 0.2984

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

72.3602, 0.2974, 0.3180

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.3646, 0.2736, 0.2984 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, 227, 255)` looks like.

```
.text, #text, p{  
    color:rgb(192, 227, 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(192, 227, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 227, 255) }
```

Border

The CSS property to change the border of an element to Yxy 73.3646, 0.2736, 0.2984 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, 227, 255) }
```

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

```
.border{ border-color:rgb(192, 227, 255) }
```

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

Here you see how a box with a 4 pixel rgb(192, 227, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 227, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 227, 255);  
box-shadow:4px 4px 4px 4px rgb(192, 227,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 73.3646, 0.2736, 0.2984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 227, 255) }
```

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

```
.background{ background-color: rgb(192,  
227, 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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