

Converting Colors

$Yxy(73.8117, 0.2750, 0.3024)$

Have a look what the booklet for
Yxy(73.8117, 0.2750, 0.3024)
contains.

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Color

Yxy(73.7215, 0.2753, 0.3027)

Conversions

Conversions Part 1

Format	Color
Hex	C0E4FC
RGB	192, 228, 252
RGB Percent	75%, 89%, 99%
CMY	0.2471, 0.1058, 0.0118
CMYK	0.24, 0.10, 0.00, 0.01
HSL	204°, 91%, 87%
HSV	204°, 24%, 99%
XYZ	67.0483, 73.7215, 102.7766
YIQ	219.9720, -29.1600, -0.1680

Conversions

Conversions Part 2

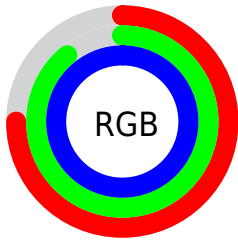
Format	Color
R _Y B	192, 215, 252
Decimal	12641532
CIE Lab	88.79, -6.59, -15.52
CIE LCh	89, 16.856, 246.992
Yxy	73.7215, 0.2753, 0.3027
Android (android.graphics.Color)	4290831612 (0xFFC0E4FC)
YUV	219.9720, 15.7898, -24.5314
Hunter-Lab	85.8612, -10.8680, -10.8678

Details

The Yxy color **73.7215, 0.2753, 0.3027** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.5937, 0.3568, 0.3539**, and the grayscale version is **71.4531, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8797, 0.3090, 0.3290**, and **39.1456, 0.2668, 0.2975** is the 20% darker color. If you saturate the color by 10%, you get **65.3312, 0.2595, 0.2898**, and if you desaturate by 10%, it is **83.0037, 0.2912, 0.3145**.

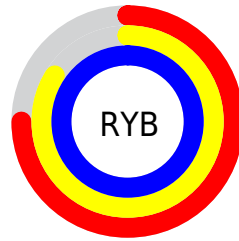
Distribution



Red (75%)

Green (89%)

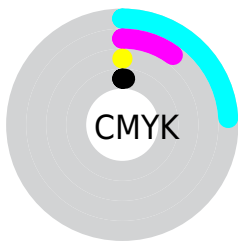
Blue (99%)



Red (75%)

Yellow (84%)

Blue (99%)

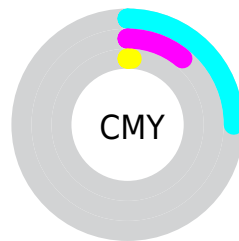


Cyan (24%)

Magenta (10%)

Yellow (0%)

Black (1%)



Cyan (25%)

Magenta (11%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.7215, 0.2753, 0.3027 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 73.7215, 0.2753, 0.3027 by changing the saturation by 10% instead.

■ 73.7215, 0.2753,
0.3027

■ 73.7215, 0.2753,
0.3027

■ 473.5116, 0.2924,
0.3150

■ 54.5661, 0.2715,
0.2999

■ 124.5009, 0.2812,
0.3070

■ 39.0545, 0.2668,
0.2964

■ 156.8938, 0.2835,
0.3086

■ 26.8021, 0.2609,
0.2920

■ 194.4679, 0.2854,
0.3100

■ 17.4246, 0.2533,
0.2863

■ 237.6077, 0.2872,
0.3113

■ 10.5377, 0.2431,
0.2784

■ 286.6976, 0.2887,
0.3124

■ 5.7569, 0.2289,
0.2672

■ 342.1220, 0.2901,

■ 2.6978, 0.2076,

0.3133

0.2499

404.2652, 0.2913,
0.3142

0.9761, 0.1724,
0.2203

0.0000, 0.0000,
0.0000

73.7215, 0.2753,
0.3027

73.7215, 0.2753,
0.3027

65.3312, 0.2595,
0.2898

83.0037, 0.2912,
0.3145

57.7896, 0.2443,
0.2758

93.2006, 0.3068,
0.3252

51.0630, 0.2299,
0.2611

99.8072, 0.3145,
0.3319

45.1112, 0.2169,
0.2457

■ 39.8895, 0.2056,
0.2300

■ 35.3470, 0.1964,
0.2143

■ 31.4224, 0.1895,
0.1990

■ 29.2501, 0.1861,
0.1898

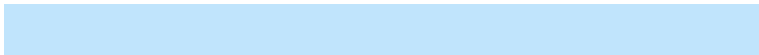
Harmonies

Analogous

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



73.7215, 0.2755, 0.3174



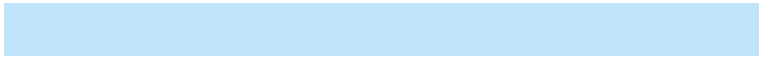
73.7215, 0.2753, 0.3027



73.7215, 0.2847, 0.2955

Triad

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



73.7215, 0.2753, 0.3027



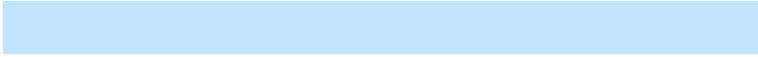
73.7215, 0.3406, 0.3213



73.7215, 0.3227, 0.3635

Complementary

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



73.7215, 0.2753, 0.3027



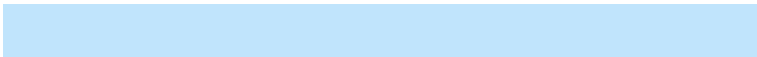
73.5937, 0.3568, 0.3539

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.



73.7215, 0.3408, 0.3635



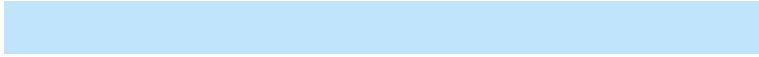
73.7215, 0.2753, 0.3027



73.7215, 0.3514, 0.3386

Square

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



73.7215, 0.2753, 0.3027



73.7215, 0.3222, 0.3064



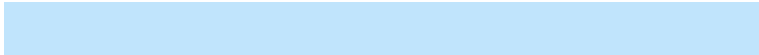
73.7215, 0.3515, 0.3541



73.7215, 0.3024, 0.3534

Rectangle

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



73.7215, 0.2753, 0.3027



73.7215, 0.2955, 0.2956



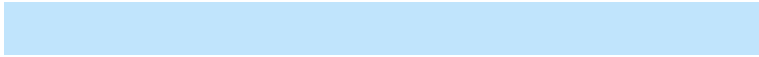
73.7215, 0.3515, 0.3541



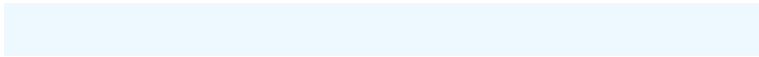
73.7215, 0.3293, 0.3647

Sweetspot

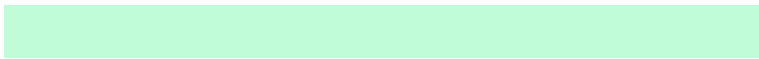
The Sweet Spot groups the original color and five complimentary colors.



73.7245, 0.2753, 0.3027



92.3029, 0.3019, 0.3219



85.7220, 0.2969, 0.3699



19.6193, 0.3009, 0.3213



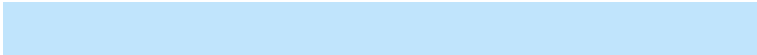
0.0000, 0.0000, 0.0000



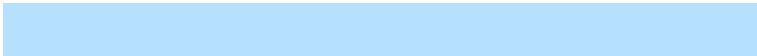
21.4041, 0.3127, 0.3290

Same Dimension

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



73.7245, 0.2753, 0.3027



71.1416, 0.2671, 0.2961



59.0764, 0.2725, 0.2696



18.3765, 0.2980, 0.3193



15.5352, 0.1868, 0.1923



1.6462, 0.1917, 0.2103

Inverse Universe

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



63.9909, 0.3335, 0.2923



59.7887, 0.3392, 0.2840



89.7936, 0.3503, 0.3822



17.4002, 0.3200, 0.3149



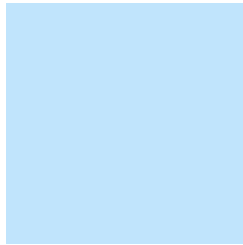
11.9792, 0.4541, 0.2275



1.1304, 0.4338, 0.2164

Previews

White Background



This preview shows how the Yxy color 73.7215, 0.2753, 0.3027 looks on a white background.

Color Contrast Check

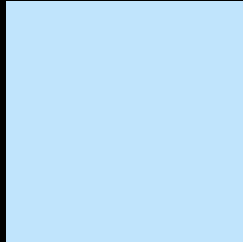
Large Text (above 18pt) WCAG AA × Fail

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 73.7215, 0.2753, 0.3027 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

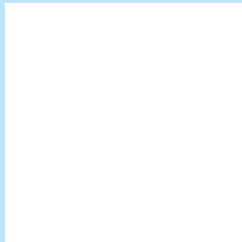
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.7215, 0.2753, 0.3027

Background



This preview shows how black text looks on a background with the Yxy color 73.7215, 0.2753, 0.3027.



This preview shows how white text looks on a background with the Yxy color 73.7215, 0.2753, 0.3027.

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





Tritanopia

73.8304, 0.2775, 0.3091

Trichromacy



Original Color

73.7215, 0.2753, 0.3027

Protanomaly

73.7062, 0.2872, 0.3022

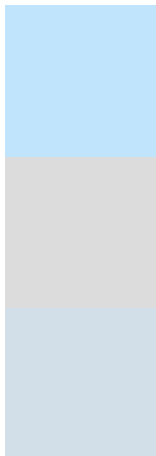
Deuteranomaly

73.4037, 0.2892, 0.2952

Tritanomaly

73.9545, 0.2764, 0.3069

Monochromacy



Original Color

73.7215, 0.2753, 0.3027

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

72.3032, 0.2981, 0.3191

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.7215, 0.2753, 0.3027 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, 228, 252)` looks like.

```
.text, #text, p{  
    color:rgb(192, 228, 252)  
}
```

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, 228, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 228, 252) }
```

Border

The CSS property to change the border of an element to Yxy 73.7215, 0.2753, 0.3027 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, 228, 252) }
```

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

```
.border{ border-color:rgb(192, 228, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 228, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 228, 252); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 228, 252); box-shadow:4px 4px 4px 4px rgb(192, 228, 252) }
```


Background

The CSS property to change the background color of an element to Yxy 73.7215, 0.2753, 0.3027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 228, 252) }
```

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

```
.background{ background-color: rgb(192,  
228, 252) }
```

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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