

Converting Colors

$Yxy(73.4615, 0.2692, 0.3003)$

Have a look what the booklet for
Yxy(73.4615, 0.2692, 0.3003)
contains.

Yxy(73.4490, 0.2692, 0.3003)	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(73.4490, 0.2692, 0.3003)

Conversions

Conversions Part 1

Format	Color
Hex	B8E5FF
RGB	184, 229, 255
RGB Percent	72%, 90%, 100%
CMY	0.2782, 0.1020, 0.0001
CMYK	0.28, 0.10, 0.00, 0.00
HSL	202°, 100%, 86%
HSV	202°, 28%, 100%
XYZ	65.8424, 73.4490, 105.2940
YIQ	218.5090, -35.1660, -1.4540

Conversions

Conversions Part 2

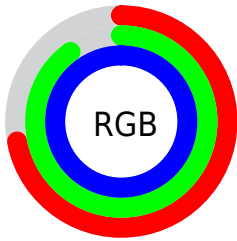
Format	Color
RYB	184, 212, 255
Decimal	12117503
CIELab	88.66, -8.72, -17.33
CIELCh	89, 19.396, 243.297
Yxy	73.4490, 0.2692, 0.3003
Android (android.graphics.Color)	4290307583 (0xFFB8E5FF)
YUV	218.5090, 17.9901, -30.2644
Hunter-Lab	85.7024, -12.8434, -12.8521

Details

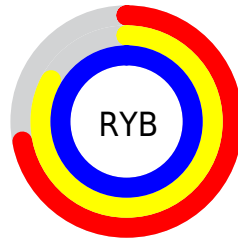
The Yxy color **73.4490, 0.2692, 0.3003** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **70.8292, 0.3666, 0.3560**, and the grayscale version is **70.3798, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4408, 0.3041, 0.3290**, and **39.0164, 0.2594, 0.2944** is the 20% darker color. If you saturate the color by 10%, you get **65.5499, 0.2539, 0.2881**, and if you desaturate by 10%, it is **82.1997, 0.2849, 0.3115**.

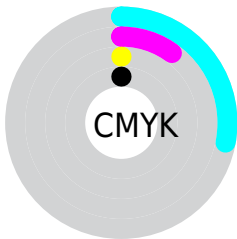
Distribution



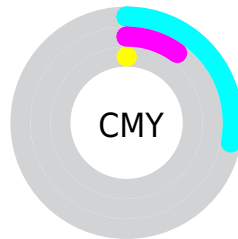
- Red (72%)
- Green (90%)
- Blue (100%)



- Red (72%)
- Yellow (83%)
- Blue (100%)



- Cyan (28%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (28%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.4490, 0.2692, 0.3003 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 73.4490, 0.2692, 0.3003 by changing the saturation by 10% instead.

73.4490, 0.2692,
0.3003

73.4490, 0.2692,
0.3003

472.5695, 0.2890,
0.3137

54.3432, 0.2648,
0.2972

124.1144, 0.2760,
0.3050

38.8761, 0.2594,
0.2934

156.4428, 0.2787,
0.3068

26.6634, 0.2526,
0.2885

193.9475, 0.2810,
0.3084

17.3206, 0.2438,
0.2822

237.0129, 0.2830,
0.3097

10.4633, 0.2322,
0.2736

286.0234, 0.2847,
0.3109

5.7072, 0.2160,
0.2612

341.3634, 0.2863,

2.6679, 0.1921,

0.3120

0.2421

403.4173, 0.2877,
0.3129

0.9609, 0.1526,
0.2099

0.0000, 0.0000,
0.0000

73.4490, 0.2692,
0.3003

73.4490, 0.2692,
0.3003

65.5499, 0.2539,
0.2881

82.1997, 0.2849,
0.3115

58.4586, 0.2393,
0.2751

91.8255, 0.3006,
0.3217

52.1405, 0.2259,
0.2614

99.9985, 0.3127,
0.3290

46.5538, 0.2140,
0.2472

■ 41.6518, 0.2041,
0.2329

■ 37.3798, 0.1962,
0.2186

■ 33.6667, 0.1905,
0.2048

■ 32.9085, 0.1894,
0.2018

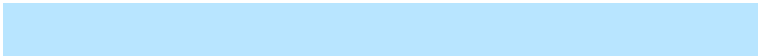
Harmonies

Analogous

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



73.4490, 0.2708, 0.3180



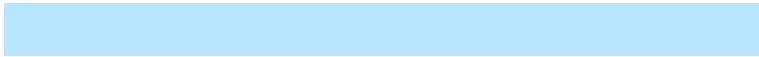
73.4490, 0.2692, 0.3003



73.4490, 0.2787, 0.2910

Triad

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



73.4490, 0.2692, 0.3003



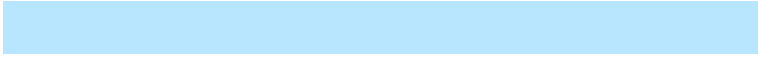
73.4490, 0.3426, 0.3178



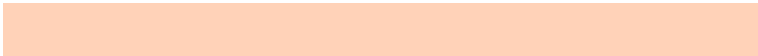
73.4490, 0.3270, 0.3696

Complementary

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



73.4490, 0.2692, 0.3003



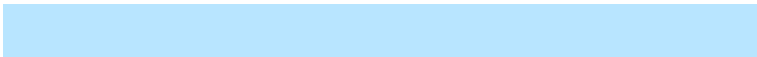
70.8292, 0.3666, 0.3560

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.



73.4490, 0.3471, 0.3679



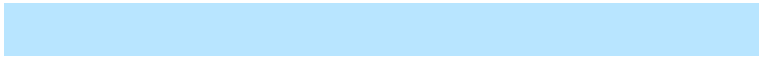
73.4490, 0.2692, 0.3003



73.4490, 0.3565, 0.3374

Square

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



73.4490, 0.2692, 0.3003



73.4490, 0.3207, 0.3013



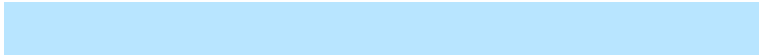
73.4490, 0.3581, 0.3558



73.4490, 0.3036, 0.3592

Rectangle

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



73.4490, 0.2692, 0.3003



73.4490, 0.2903, 0.2904



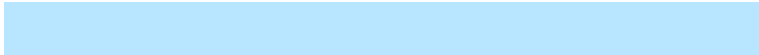
73.4490, 0.3581, 0.3558



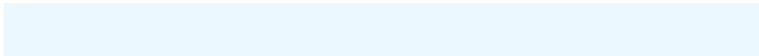
73.4490, 0.3344, 0.3704

Sweetspot

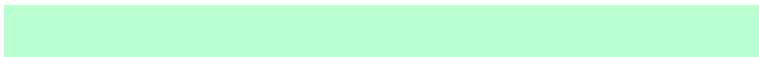
The Sweet Spot groups the original color and five complimentary colors.



73.4519, 0.2692, 0.3003



91.6584, 0.3003, 0.3216



86.2998, 0.2957, 0.3807



19.2969, 0.2980, 0.3201



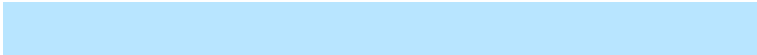
0.0000, 0.0000, 0.0000



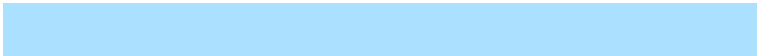
21.4041, 0.3127, 0.3290

Same Dimension

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



73.4519, 0.2692, 0.3003



69.2656, 0.2612, 0.2941



56.3081, 0.2651, 0.2607



19.2969, 0.2980, 0.3201



17.4935, 0.1900, 0.2040



1.9118, 0.1944, 0.2199

Inverse Universe

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



61.2160, 0.3360, 0.2836



55.7204, 0.3416, 0.2749



89.6240, 0.3575, 0.3892



18.1808, 0.3195, 0.3140



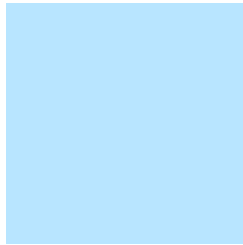
12.4939, 0.4407, 0.2202



1.2375, 0.4234, 0.2106

Previews

White Background



This preview shows how the Yxy color 73.4490, 0.2692, 0.3003 looks on a white background.

Color Contrast Check

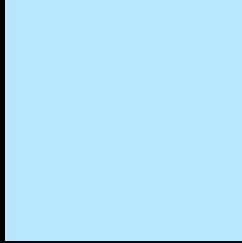
Large Text (above 18pt) WCAG AA × Fail

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 73.4490, 0.2692, 0.3003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

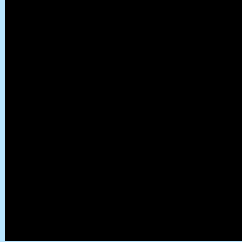
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

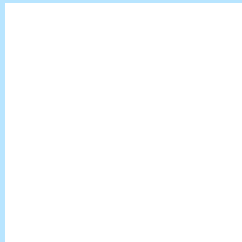
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.4490, 0.2692, 0.3003

Background



This preview shows how black text looks on a background with the Yxy color 73.4490, 0.2692, 0.3003.



This preview shows how white text looks on a background with the Yxy color 73.4490, 0.2692, 0.3003.

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

73.4490, 0.2692, 0.3003

Protanopia

72.9314, 0.2929, 0.2983

Deuteranopia

73.0145, 0.2945, 0.2897



Tritanopia

73.4382, 0.2724, 0.3089

Trichromacy



Original Color

73.4490, 0.2692, 0.3003

Protanomaly

72.8622, 0.2841, 0.2989

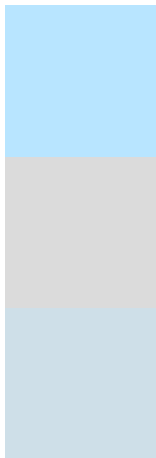
Deuteranomaly

72.7818, 0.2848, 0.2929

Tritanomaly

73.6259, 0.2708, 0.3056

Monochromacy



Original Color

73.4490, 0.2692, 0.3003

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.7234, 0.2954, 0.3190

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.4490, 0.2692, 0.3003 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(184, 229, 255)` looks like.

```
.text, #text, p{  
    color:rgb(184, 229, 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(184, 229, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 229, 255) }
```

Border

The CSS property to change the border of an element to Yxy 73.4490, 0.2692, 0.3003 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(184, 229, 255) }
```

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

```
.border{ border-color:rgb(184, 229, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 229, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 229, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 229, 255);  
box-shadow:4px 4px 4px 4px rgb(184, 229,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 73.4490, 0.2692, 0.3003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 229, 255) }
```

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

```
.background{ background-color: rgb(184,  
229, 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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