

Converting Colors

$Y_{xy}(73.2395, 0.2819, 0.3112)$

Have a look what the booklet for
Yxy(73.2395, 0.2819, 0.3112)
contains.

Yxy(73.0113, 0.2820, 0.3113)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(73.0113, 0.2820, 0.3113)

Conversions

Conversions Part 1

Format	Color
Hex	C3E3F3
RGB	195, 227, 243
RGB Percent	76%, 89%, 95%
CMY	0.2355, 0.1097, 0.0471
CMYK	0.20, 0.07, 0.00, 0.05
HSL	200°, 67%, 86%
HSV	200°, 20%, 95%
XYZ	66.1394, 73.0113, 95.3861
YIQ	219.2560, -24.2080, -1.8080

Conversions

Conversions Part 2

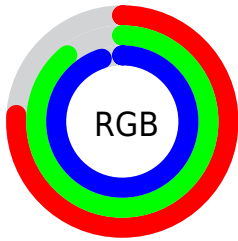
Format	Color
R _Y B	195, 214, 243
Decimal	12837875
CIE Lab	88.45, -7.15, -11.28
CIE LCh	88, 13.355, 237.611
Yxy	73.0113, 0.2820, 0.3113
Android (android.graphics.Color)	4291027955 (0xFFC3E3F3)
YUV	219.2560, 11.7058, -21.2725
Hunter-Lab	85.4467, -11.3650, -6.3742

Details

The Yxy color **73.0113, 0.2820, 0.3113** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.5327, 0.3487, 0.3461**, and the grayscale version is **70.9500, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4354, 0.3109, 0.3290**, and **38.7556, 0.2752, 0.3073** is the 20% darker color. If you saturate the color by 10%, you get **65.7233, 0.2666, 0.3010**, and if you desaturate by 10%, it is **81.0390, 0.2976, 0.3207**.

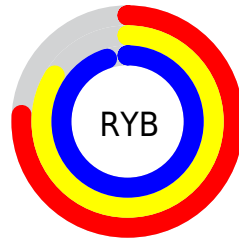
Distribution



Red (76%)

Green (89%)

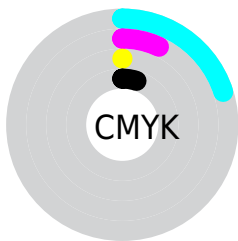
Blue (95%)



Red (76%)

Yellow (84%)

Blue (95%)

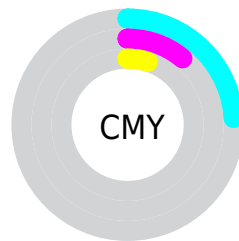


Cyan (20%)

Magenta (7%)

Yellow (0%)

Black (5%)



Cyan (24%)

Magenta (11%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.0113, 0.2820, 0.3113 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 73.0113, 0.2820, 0.3113 by changing the saturation by 10% instead.

■ 73.0113, 0.2820,
0.3113

■ 73.0113, 0.2820,
0.3113

■ 471.0540, 0.2961,
0.3196

■ 53.9852, 0.2788,
0.3094

■ 123.4933, 0.2869,
0.3142

■ 38.5898, 0.2749,
0.3070

■ 155.7179, 0.2887,
0.3153

■ 26.4408, 0.2700,
0.3039

■ 193.1108, 0.2904,
0.3163

■ 17.1537, 0.2636,
0.2999

■ 236.0565, 0.2918,
0.3171

■ 10.3441, 0.2550,
0.2944

■ 284.9392, 0.2931,
0.3179

■ 5.6277, 0.2429,
0.2864

■ 340.1435, 0.2942,

■ 2.6201, 0.2243,

0.3185

0.2737

402.0536, 0.2952,
0.3191

0.9368, 0.1917,
0.2512

0.0000, 0.0000,
0.0000

73.0113, 0.2820,
0.3113

73.0113, 0.2820,
0.3113

65.7233, 0.2666,
0.3010

81.0390, 0.2976,
0.3207

59.1379, 0.2518,
0.2899

89.8239, 0.3131,
0.3292

53.2275, 0.2378,
0.2781

96.8766, 0.3200,
0.3370

47.9591, 0.2252,
0.2657

99.2500, 0.3197,
0.3405

■ 43.2960, 0.2142,
0.2530

■ 39.1967, 0.2051,
0.2401

■ 35.6121, 0.1981,
0.2273

■ 32.4644, 0.1930,
0.2148

■ 32.3951, 0.1929,
0.2145

Harmonies

Analogous

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



73.0113, 0.2847, 0.3244



73.0113, 0.2820, 0.3113



73.0113, 0.2873, 0.3034

Triad

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



73.0113, 0.2820, 0.3113



73.0113, 0.3308, 0.3188



73.0113, 0.3257, 0.3572

Complementary

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



73.0113, 0.2820, 0.3113



69.5327, 0.3487, 0.3461

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.



73.0113, 0.3385, 0.3548



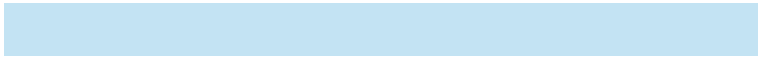
73.0113, 0.2820, 0.3113



73.0113, 0.3416, 0.3325

Square

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



73.0113, 0.2820, 0.3113



73.0113, 0.3152, 0.3079



73.0113, 0.3444, 0.3456



73.0113, 0.3096, 0.3515

Rectangle

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



73.0113, 0.2820, 0.3113



73.0113, 0.2947, 0.3019



73.0113, 0.3444, 0.3456



73.0113, 0.3305, 0.3573

Sweetspot

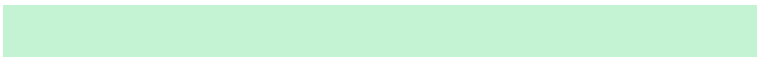
The Sweet Spot groups the original color and five complimentary colors.



73.0143, 0.2820, 0.3113



94.0117, 0.3034, 0.3240



80.3470, 0.3014, 0.3658



19.9869, 0.3024, 0.3234



0.0000, 0.0000, 0.0000



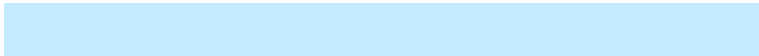
21.4041, 0.3127, 0.3290

Same Dimension

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



73.0143, 0.2820, 0.3113



77.8868, 0.2754, 0.3070



61.1334, 0.2803, 0.2847



17.7757, 0.2980, 0.3209



18.0402, 0.1935, 0.2165



1.7737, 0.1979, 0.2322

Inverse Universe

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



63.6050, 0.3268, 0.2956



65.7333, 0.3305, 0.2880



81.9355, 0.3442, 0.3697



16.6692, 0.3189, 0.3133



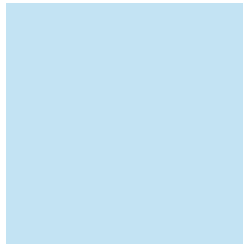
11.9205, 0.4270, 0.2126



1.0667, 0.4103, 0.2034

Previews

White Background



This preview shows how the Yxy color 73.0113, 0.2820, 0.3113 looks on a white background.

Color Contrast Check

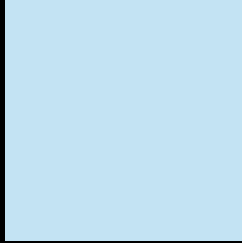
Large Text (above 18pt) WCAG AA × Fail

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 73.0113, 0.2820, 0.3113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

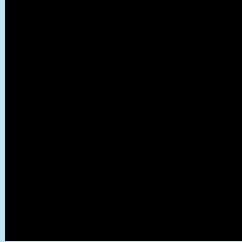
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

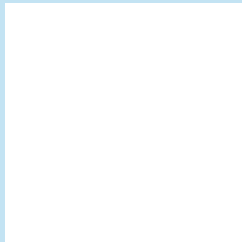
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.0113, 0.2820, 0.3113

Background



This preview shows how black text looks on a background with the Yxy color 73.0113, 0.2820, 0.3113.



This preview shows how white text looks on a background with the Yxy color 73.0113, 0.2820, 0.3113.

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

73.0113, 0.2820, 0.3113

Protanopia

72.6340, 0.3004, 0.3087

Deuteranopia

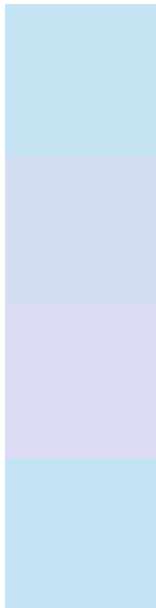
72.8601, 0.3049, 0.2990



Tritanopia

73.1328, 0.2809, 0.3091

Trichromacy



Original Color

73.0113, 0.2820, 0.3113

Protanomaly

72.9155, 0.2938, 0.3106

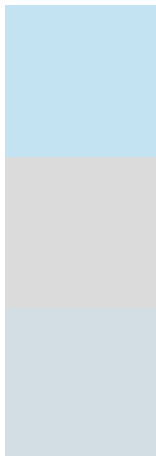
Deuteranomaly

72.7781, 0.2966, 0.3035

Tritanomaly

73.0719, 0.2815, 0.3102

Monochromacy



Original Color

73.0113, 0.2820, 0.3113

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.5456, 0.3005, 0.3224

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.0113, 0.2820, 0.3113 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(195, 227, 243)` looks like.

```
.text, #text, p{  
    color:rgb(195, 227, 243)  
}
```

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(195, 227, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 227, 243) }
```

Border

The CSS property to change the border of an element to Yxy 73.0113, 0.2820, 0.3113 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(195, 227, 243) }
```

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

```
.border{ border-color:rgb(195, 227, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 227, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 227, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 227, 243); box-shadow:4px 4px 4px 4px rgb(195, 227, 243) }
```


Background

The CSS property to change the background color of an element to Yxy 73.0113, 0.2820, 0.3113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 227, 243) }
```

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

```
.background{ background-color: rgb(195,  
227, 243) }
```

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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