

Converting Colors

$Yxy(71.9256, 0.2841, 0.3149)$

Have a look what the booklet for
Yxy(71.9256, 0.2841, 0.3149)
contains.

Yxy(72.0351, 0.2842, 0.3155)	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(72.0351, 0.2842, 0.3155)

Conversions

Conversions Part 1

Format	Color
Hex	C2E2EE
RGB	194, 226, 238
RGB Percent	76%, 89%, 93%
CMY	0.2390, 0.1138, 0.0665
CMYK	0.18, 0.05, 0.00, 0.07
HSL	196°, 56%, 85%
HSV	196°, 18%, 93%
XYZ	64.8887, 72.0351, 91.3967
YIQ	217.8000, -22.9240, -3.0520

Conversions

Conversions Part 2

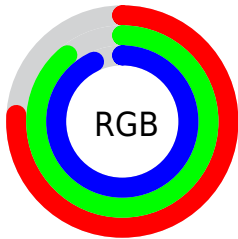
Format	Color
R_{YB}	194, 213, 238
Decimal	12772078
CIE _{Lab}	87.99, -7.95, -9.38
CIE _{LCh}	88, 12.293, 229.714
Yxy	72.0351, 0.2842, 0.3155
Android (android.graphics.Color)	4290962158 (0xFFC2E2EE)
YUV	217.8000, 9.9586, -20.8726
Hunter-Lab	84.8735, -12.0593, -4.4354

Details

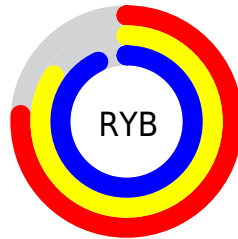
The Yxy color **72.0351, 0.2842, 0.3155** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **66.2634, 0.3465, 0.3421**, and the grayscale version is **69.9157, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2492, 0.3102, 0.3290**, and **38.0787, 0.2779, 0.3128** is the 20% darker color. If you saturate the color by 10%, you get **65.6594, 0.2691, 0.3072**, and if you desaturate by 10%, it is **79.0559, 0.2996, 0.3231**.

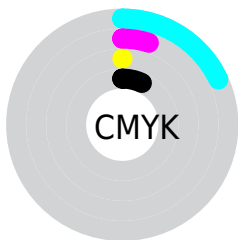
Distribution



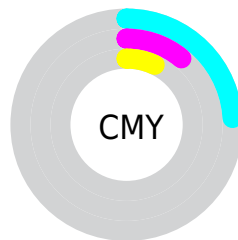
- Red (76%)
- Green (89%)
- Blue (93%)



- Red (76%)
- Yellow (84%)
- Blue (93%)



- Cyan (18%)
- Magenta (5%)
- Yellow (0%)
- Black (7%)



- Cyan (24%)
- Magenta (11%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.0351, 0.2842, 0.3155 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 72.0351, 0.2842, 0.3155 by changing the saturation by 10% instead.

72.0351, 0.2842,
0.3155

72.0351, 0.2842,
0.3155

467.6638, 0.2973,
0.3219

53.1874, 0.2812,
0.3140

122.1064, 0.2887,
0.3177

37.9524, 0.2776,
0.3121

154.0988, 0.2905,
0.3186

25.9457, 0.2730,
0.3098

191.2415, 0.2920,
0.3194

16.7830, 0.2670,
0.3066

233.9189, 0.2933,
0.3200

10.0799, 0.2588,
0.3022

282.5155, 0.2945,
0.3206

5.4520, 0.2473,
0.2958

337.4155, 0.2956,

2.5148, 0.2295,

0.3211

0.2854

399.0035, 0.2965,
0.3215

0.8840, 0.1954,
0.2673

0.0000, 0.0000,
0.0000

72.0351, 0.2842,
0.3155

72.0351, 0.2842,
0.3155

65.6594, 0.2691,
0.3072

79.0559, 0.2996,
0.3231

59.8944, 0.2547,
0.2982

86.7367, 0.3151,
0.3300

54.7157, 0.2413,
0.2887

93.0660, 0.3234,
0.3363

50.0935, 0.2293,
0.2788

97.0897, 0.3229,
0.3426

■ 45.9946, 0.2189,
0.2685

■ 98.9549, 0.3226,
0.3454

■ 42.3815, 0.2105,
0.2581

■ 39.2104, 0.2041,
0.2477

■ 36.4185, 0.1995,
0.2375

■ 36.0142, 0.1989,
0.2359

Harmonies

Analogous

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



72.0351, 0.2886, 0.3284



72.0351, 0.2842, 0.3155



72.0351, 0.2872, 0.3067

Triad

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



72.0351, 0.2842, 0.3155



72.0351, 0.3259, 0.3166



72.0351, 0.3283, 0.3552

Complementary

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



72.0351, 0.2842, 0.3155



66.2634, 0.3465, 0.3421

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.



72.0351, 0.3387, 0.3512



72.0351, 0.2842, 0.3155



72.0351, 0.3374, 0.3288

Square

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



72.0351, 0.2842, 0.3155



72.0351, 0.3110, 0.3075



72.0351, 0.3421, 0.3414



72.0351, 0.3138, 0.3518

Rectangle

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



72.0351, 0.2842, 0.3155



72.0351, 0.2931, 0.3041



72.0351, 0.3421, 0.3414



72.0351, 0.3324, 0.3546

Sweetspot

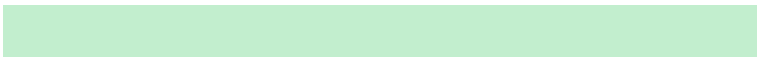
The Sweet Spot groups the original color and five complimentary colors.



72.0381, 0.2842, 0.3155



94.5697, 0.3034, 0.3249



77.0882, 0.3034, 0.3657



20.1190, 0.3024, 0.3244



0.0000, 0.0000, 0.0000



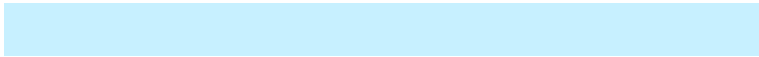
21.4041, 0.3127, 0.3290

Same Dimension

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



72.0381, 0.2842, 0.3155



81.4590, 0.2787, 0.3126



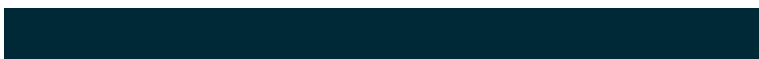
60.9825, 0.2828, 0.2905



17.1546, 0.2981, 0.3224



20.3130, 0.1993, 0.2376



1.8547, 0.2031, 0.2510

Inverse Universe

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



62.2765, 0.3238, 0.2952



68.3310, 0.3263, 0.2884



77.4391, 0.3424, 0.3647



15.9533, 0.3180, 0.3120



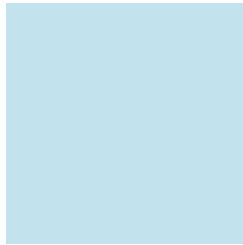
11.8440, 0.4048, 0.2004



1.0019, 0.3912, 0.1929

Previews

White Background



This preview shows how the Yxy color 72.0351, 0.2842, 0.3155 looks on a white background.

Color Contrast Check

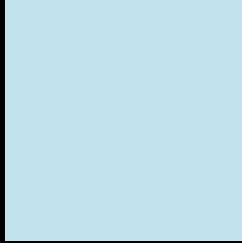
Large Text (above 18pt) WCAG AA × Fail

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 72.0351, 0.2842, 0.3155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

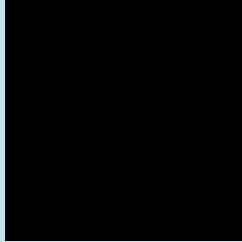
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

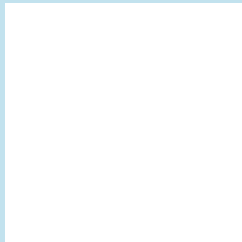
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.0351, 0.2842, 0.3155

Background



This preview shows how black text looks on a background with the Yxy color 72.0351, 0.2842, 0.3155.

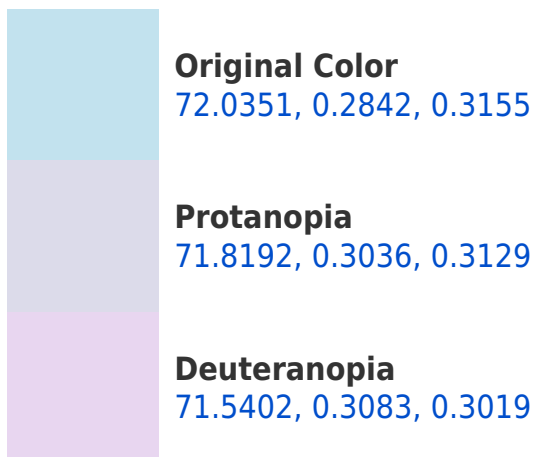


This preview shows how white text looks on a background with the Yxy color 72.0351, 0.2842, 0.3155.

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

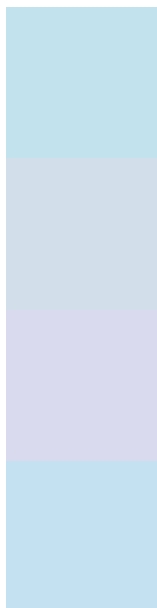




Tritanopia

71.9236, 0.2819, 0.3090

Trichromacy



Original Color

72.0351, 0.2842, 0.3155

Protanomaly

72.0896, 0.2969, 0.3148

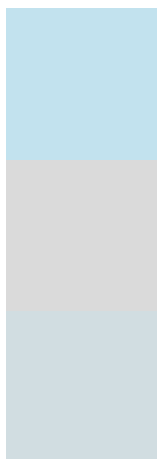
Deuteranomaly

71.2802, 0.2991, 0.3065

Tritanomaly

71.8034, 0.2830, 0.3112

Monochromacy



Original Color

72.0351, 0.2842, 0.3155

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.7045, 0.3018, 0.3245

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.0351, 0.2842, 0.3155 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(194, 226, 238)` looks like.

```
.text, #text, p{  
    color:rgb(194, 226, 238)  
}
```

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(194, 226, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 226, 238) }
```

Border

The CSS property to change the border of an element to Yxy 72.0351, 0.2842, 0.3155 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(194, 226, 238) }
```

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

```
.border{ border-color:rgb(194, 226, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 226, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 226, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 226, 238);  
box-shadow:4px 4px 4px 4px rgb(194, 226,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 72.0351, 0.2842, 0.3155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 226, 238) }
```

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

```
.background{ background-color: rgb(194,  
226, 238) }
```

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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