

Converting Colors

$Yxy(72.2465, 0.2818, 0.3155)$

Have a look what the booklet for
Yxy(72.2465, 0.2818, 0.3155)
contains.

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Color

Yxy(72.2465, 0.2818, 0.3155)

Conversions

Conversions Part 1

Format	Color
Hex	BFE3EF
RGB	191, 227, 239
RGB Percent	75%, 89%, 94%
CMY	0.2511, 0.1098, 0.0627
CMYK	0.20, 0.05, 0.00, 0.06
HSL	195°, 60%, 84%
HSV	195°, 20%, 94%
XYZ	64.5295, 72.2465, 92.2145
YIQ	217.6040, -25.3080, -3.9000

Conversions

Conversions Part 2

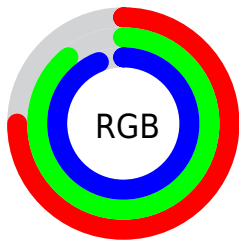
Format	Color
R_{YB}	191, 212, 239
Decimal	12575727
CIE _{Lab}	88.09, -9.20, -9.76
CIE _{LCh}	88, 13.416, 226.700
Yxy	72.2465, 0.2818, 0.3155
Android (android.graphics.Color)	4290765807 (0xFFBFE3EF)
YUV	217.6040, 10.5482, -23.3317
Hunter-Lab	84.9979, -13.2311, -4.8253

Details

The Yxy color **72.2465, 0.2818, 0.3155** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **64.8097, 0.3502, 0.3421**, and the grayscale version is **69.7614, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6965, 0.3084, 0.3290**, and **38.2423, 0.2749, 0.3128** is the 20% darker color. If you saturate the color by 10%, you get **66.1903, 0.2670, 0.3078**, and if you desaturate by 10%, it is **78.9275, 0.2971, 0.3225**.

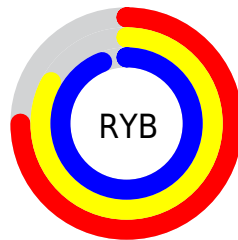
Distribution



Red (75%)

Green (89%)

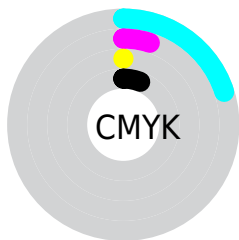
Blue (94%)



Red (75%)

Yellow (83%)

Blue (94%)

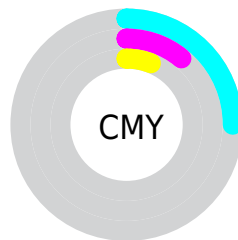


Cyan (20%)

Magenta (5%)

Yellow (0%)

Black (6%)



Cyan (25%)

Magenta (11%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.2465, 0.2818, 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 72.2465, 0.2818, 0.3155 by changing the saturation by 10% instead.

■ 72.2465, 0.2818,
0.3155

■ 72.2465, 0.2818,
0.3155

■ 468.3991, 0.2960,
0.3219

■ 53.3601, 0.2786,
0.3140

■ 122.4069, 0.2867,
0.3178

■ 38.0903, 0.2746,
0.3121

■ 154.4497, 0.2886,
0.3186

■ 26.0528, 0.2697,
0.3097

■ 191.6467, 0.2903,
0.3194

■ 16.8631, 0.2632,
0.3065

■ 234.3824, 0.2917,
0.3200

■ 10.1369, 0.2545,
0.3021

■ 283.0410, 0.2930,
0.3206

■ 5.4899, 0.2420,
0.2955

■ 338.0071, 0.2941,

■ 2.5374, 0.2231,

0.3211

0.2849

399.6650, 0.2951,
0.3215

0.8953, 0.1865,
0.2666

0.0000, 0.0000,
0.0000

72.2465, 0.2818,
0.3155

72.2465, 0.2818,
0.3155

66.1903, 0.2670,
0.3078

78.9275, 0.2971,
0.3225

60.7243, 0.2529,
0.2996

86.2484, 0.3126,
0.3289

55.8240, 0.2400,
0.2909

92.7507, 0.3229,
0.3348

51.4589, 0.2285,
0.2818

96.4201, 0.3224,
0.3405

■ 47.5954, 0.2188,
0.2725

■ 99.0128, 0.3220,
0.3444

■ 44.1953, 0.2111,
0.2631

■ 41.2131, 0.2053,
0.2537

■ 38.5980, 0.2013,
0.2446

Harmonies

Analogous

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



72.2465, 0.2873, 0.3299



72.2465, 0.2818, 0.3155



72.2465, 0.2843, 0.3053

Triad

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



72.2465, 0.2818, 0.3155



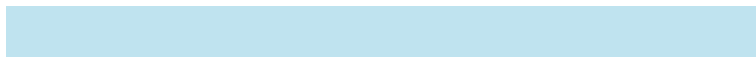
72.2465, 0.3256, 0.3143



72.2465, 0.3311, 0.3575

Complementary

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



72.2465, 0.2818, 0.3155



64.8097, 0.3502, 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.



72.2465, 0.3418, 0.3523



72.2465, 0.2818, 0.3155



72.2465, 0.3387, 0.3274

Square

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



72.2465, 0.2818, 0.3155



72.2465, 0.3092, 0.3050



72.2465, 0.3447, 0.3412



72.2465, 0.3156, 0.3547

Rectangle

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



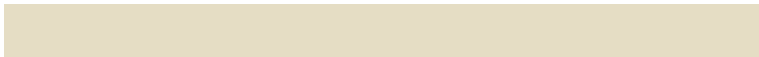
72.2465, 0.2818, 0.3155



72.2465, 0.2901, 0.3021



72.2465, 0.3447, 0.3412



72.2465, 0.3354, 0.3566

Sweetspot

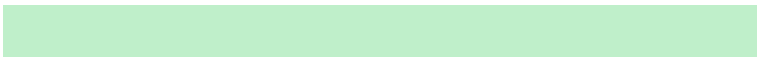
The Sweet Spot groups the original color and five complimentary colors.



72.2495, 0.2818, 0.3155



94.7986, 0.3034, 0.3252



77.0855, 0.3035, 0.3712



20.1732, 0.3024, 0.3248



0.0000, 0.0000, 0.0000



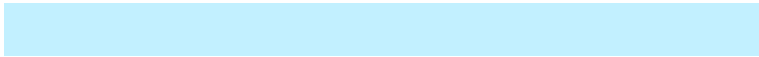
21.4041, 0.3127, 0.3290

Same Dimension

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



72.2495, 0.2818, 0.3155



80.8143, 0.2758, 0.3125



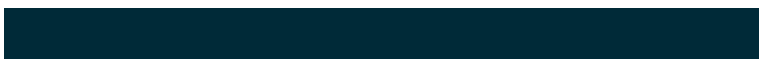
60.3854, 0.2801, 0.2886



17.2212, 0.2981, 0.3230



21.5462, 0.2017, 0.2461



1.9486, 0.2051, 0.2583

Inverse Universe

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



61.1466, 0.3240, 0.2910



66.0288, 0.3267, 0.2832



76.6151, 0.3455, 0.3664



15.9600, 0.3176, 0.3115



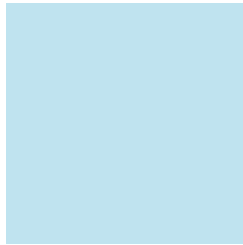
11.9685, 0.3962, 0.1956



1.0114, 0.3841, 0.1889

Previews

White Background



This preview shows how the Yxy color 72.2465, 0.2818, 0.3155 looks on a white background.

Color Contrast Check

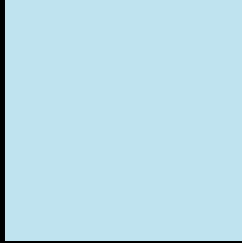
Large Text (above 18pt) WCAG AA × Fail

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 72.2465, 0.2818, 0.3155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

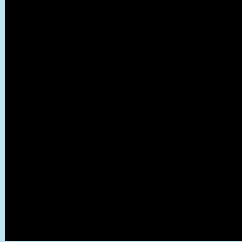
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.2465, 0.2818, 0.3155

Background



This preview shows how black text looks on a background with the Yxy color 72.2465, 0.2818, 0.3155.

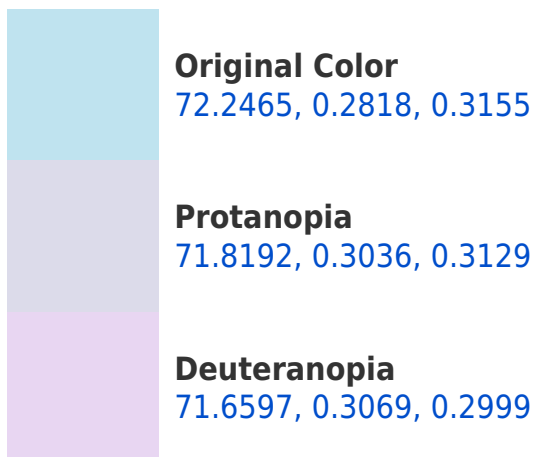


This preview shows how white text looks on a background with the Yxy color 72.2465, 0.2818, 0.3155.

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

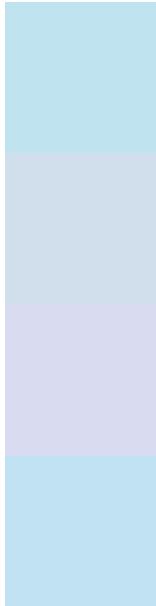




Tritanopia

72.1308, 0.2795, 0.3090

Trichromacy



Original Color

72.2465, 0.2818, 0.3155

Protanomaly

71.8540, 0.2949, 0.3137

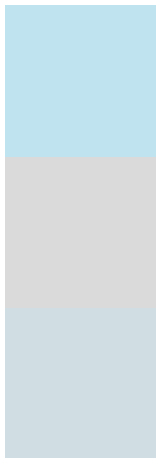
Deuteranomaly

71.7656, 0.2971, 0.3054

Tritanomaly

72.0100, 0.2807, 0.3111

Monochromacy



Original Color

72.2465, 0.2818, 0.3155

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.6138, 0.3004, 0.3234

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.2465, 0.2818, 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(191, 227, 239)` looks like.

```
.text, #text, p{  
    color:rgb(191, 227, 239)  
}
```

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(191, 227, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 227, 239) }
```

Border

The CSS property to change the border of an element to Yxy 72.2465, 0.2818, 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(191, 227, 239) }
```

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

```
.border{ border-color:rgb(191, 227, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 227, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 227, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 227, 239);  
box-shadow:4px 4px 4px 4px rgb(191, 227,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 72.2465, 0.2818, 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(191, 227, 239) }
```

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

```
.background{ background-color: rgb(191,  
227, 239) }
```

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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