

Converting Colors

$Yxy(72.1468, 0.2728, 0.2961)$

Have a look what the booklet for
Yxy(72.1468, 0.2728, 0.2961)
contains.

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Color

Yxy(72.1468, 0.2728, 0.2961)

Conversions

Conversions Part 1

Format	Color
Hex	BFE1FF
RGB	191, 225, 255
RGB Percent	75%, 88%, 100%
CMY	0.2508, 0.1177, 0.0000
CMYK	0.25, 0.12, 0.00, 0.00
HSL	208°, 100%, 87%
HSV	208°, 25%, 100%
XYZ	66.4696, 72.1468, 105.0405
YIQ	218.2540, -29.8940, 2.1220

Conversions

Conversions Part 2

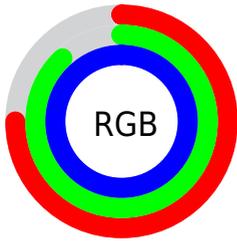
Format	Color
R _Y B	191, 213, 255
Decimal	12575231
CIE Lab	88.04, -4.63, -18.24
CIE LCh	88, 18.820, 255.747
Yxy	72.1468, 0.2728, 0.2961
Android (android.graphics.Color)	4290765311 (0xFFBFE1FF)
YUV	218.2540, 18.1158, -23.9018
Hunter-Lab	84.9393, -8.9578, -13.8637

Details

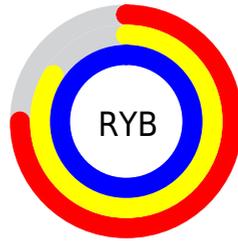
The Yxy color **72.1468, 0.2728, 0.2961** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **76.7607, 0.3586, 0.3597**, and the grayscale version is **70.1890, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6965, 0.3084, 0.3290**, and **38.0609, 0.2636, 0.2889** is the 20% darker color. If you saturate the color by 10%, you get **62.8815, 0.2565, 0.2806**, and if you desaturate by 10%, it is **82.4449, 0.2890, 0.3103**.

Distribution



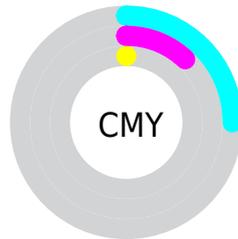
- Red (75%)
- Green (88%)
- Blue (100%)



- Red (75%)
- Yellow (84%)
- Blue (100%)



- Cyan (25%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.1468, 0.2728, 0.2961 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 72.1468, 0.2728, 0.2961 by changing the saturation by 10% instead.

72.1468, 0.2728,
0.2961

72.1468, 0.2728,
0.2961

468.0524, 0.2911,
0.3114

53.2786, 0.2687,
0.2926

122.2652, 0.2791,
0.3014

38.0252, 0.2637,
0.2883

154.2842, 0.2815,
0.3035

26.0023, 0.2573,
0.2829

191.4556, 0.2837,
0.3052

16.8253, 0.2491,
0.2758

234.1638, 0.2855,
0.3068

10.1100, 0.2382,
0.2662

282.7932, 0.2872,
0.3081

5.4720, 0.2229,
0.2525

337.7282, 0.2886,

2.5268, 0.2000,

0.3093

0.2317

399.3531, 0.2899,
0.3104

0.8900, 0.1622,
0.1970

0.0000, 0.0000,
0.0000

72.1468, 0.2728,
0.2961

72.1468, 0.2728,
0.2961

62.8815, 0.2565,
0.2806

82.4449, 0.2890,
0.3103

54.6040, 0.2406,
0.2639

93.8064, 0.3049,
0.3230

47.2742, 0.2254,
0.2462

100.0000, 0.3127,
0.3290

40.8463, 0.2116,
0.2279

■ 35.2695, 0.1995,
0.2093

■ 30.4861, 0.1896,
0.1909

■ 26.4266, 0.1822,
0.1734

■ 24.6514, 0.1792,
0.1650

Harmonies

Analogous

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



72.1468, 0.2698, 0.3103



72.1468, 0.2728, 0.2961



72.1468, 0.2861, 0.2910

Triad

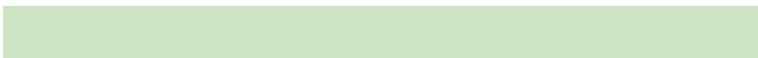
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.1468, 0.2728, 0.2961



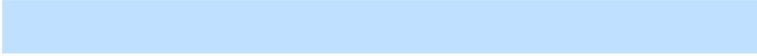
72.1468, 0.3488, 0.3259



72.1468, 0.3172, 0.3658

Complementary

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



72.1468, 0.2728, 0.2961



76.7607, 0.3586, 0.3597

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.



72.1468, 0.3389, 0.3691



72.1468, 0.2728, 0.2961



72.1468, 0.3577, 0.3451

Square

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



72.1468, 0.2728, 0.2961



72.1468, 0.3300, 0.3080



72.1468, 0.3539, 0.3611



72.1468, 0.2949, 0.3514

Rectangle

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



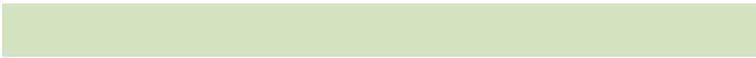
72.1468, 0.2728, 0.2961



72.1468, 0.2994, 0.2930



72.1468, 0.3539, 0.3611



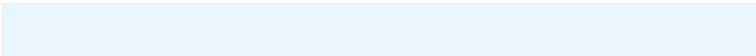
72.1468, 0.3248, 0.3682

Sweetspot

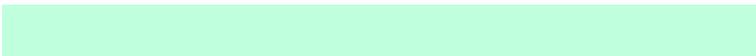
The Sweet Spot groups the original color and five complimentary colors.



72.1488, 0.2728, 0.2961



90.3792, 0.3003, 0.3195



87.8161, 0.2933, 0.3664



18.9744, 0.2979, 0.3176



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.



72.1488, 0.2728, 0.2961



67.4652, 0.2648, 0.2887



56.5177, 0.2696, 0.2597



18.9744, 0.2979, 0.3176



13.1827, 0.1800, 0.1678



1.5024, 0.1854, 0.1875

Inverse Universe

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



63.9751, 0.3383, 0.2946



58.4205, 0.3449, 0.2876



95.1906, 0.3512, 0.3900



18.1483, 0.3211, 0.3165



12.0588, 0.4833, 0.2436



1.1962, 0.4597, 0.2306

Previews

White Background



This preview shows how the Yxy color 72.1468, 0.2728, 0.2961 looks on a white background.

Color Contrast Check

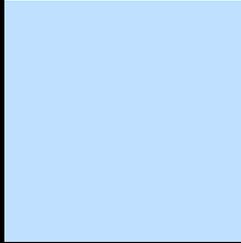
Large Text (above 18pt) WCAG AA × Fail

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 72.1468, 0.2728, 0.2961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

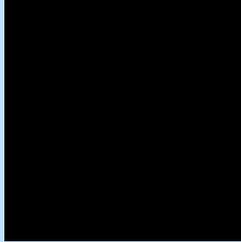
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

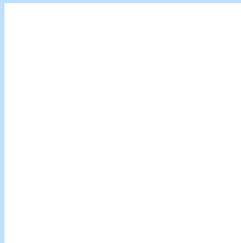
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.1468, 0.2728, 0.2961

Background



This preview shows how black text looks on a background with the Yxy color 72.1468, 0.2728, 0.2961.



This preview shows how white text looks on a background with the Yxy color 72.1468, 0.2728, 0.2961.

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

72.1468, 0.2728, 0.2961

Protanopia

72.0751, 0.2897, 0.2950

Deuteranopia

71.6682, 0.2931, 0.2874



Tritanopia

72.3496, 0.2773, 0.3089

Trichromacy



Original Color

72.1468, 0.2728, 0.2961

Protanomaly

71.8630, 0.2834, 0.2956

Deuteranomaly

71.8801, 0.2854, 0.2908

Tritanomaly

72.1794, 0.2756, 0.3035

Monochromacy



Original Color

72.1468, 0.2728, 0.2961

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.8923, 0.2973, 0.3179

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.1468, 0.2728, 0.2961 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, 225, 255)` looks like.

```
.text, #text, p{  
    color:rgb(191, 225, 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(191, 225, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 225, 255) }
```

Border

The CSS property to change the border of an element to Yxy 72.1468, 0.2728, 0.2961 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, 225, 255) }
```

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

```
.border{ border-color:rgb(191, 225, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 225, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 225, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 225, 255);  
box-shadow:4px 4px 4px 4px rgb(191, 225,  
255) }
```

Background

The CSS property to change the background color of an element to Yxy 72.1468, 0.2728, 0.2961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 225, 255) }
```

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

```
.background{ background-color: rgb(191,  
225, 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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