

Converting Colors

$Y_{xy}(72.5525, 0.2860, 0.2920)$

Have a look what the booklet for
Yxy(72.5525, 0.2860, 0.2920)
contains.

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Color

Yxy(72.5525, 0.2860, 0.2920)

Conversions

Conversions Part 1

Format	Color
Hex	D5DCFF
RGB	213, 220, 255
RGB Percent	84%, 86%, 100%
CMY	0.1651, 0.1371, 0.0001
CMYK	0.17, 0.14, 0.00, 0.00
HSL	230°, 100%, 92%
HSV	230°, 17%, 100%
XYZ	71.0617, 72.5525, 104.8533
YIQ	221.8970, -15.4070, 9.4010

Conversions

Conversions Part 2

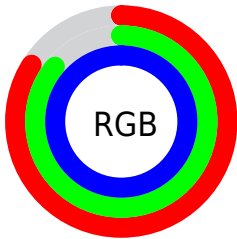
Format	Color
R _Y B	213, 219, 255
Decimal	14015743
CIE Lab	88.23, 4.52, -17.79
CIE LCh	88, 18.354, 284.260
Yxy	72.5525, 0.2860, 0.2920
Android (android.graphics.Color)	4292205823 (0xFFD5DCFF)
YUV	221.8970, 16.3198, -7.8027
Hunter-Lab	85.1778, -0.1429, -13.3612

Details

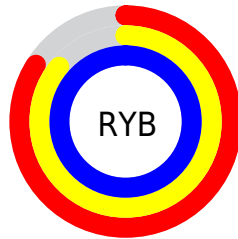
The Yxy color **72.5525, 0.2860, 0.2920** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **93.1068, 0.3387, 0.3635**, and the grayscale version is **72.8537, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.2566, 0.2800, 0.2837** is the 20% darker color. If you saturate the color by 10%, you get **58.6144, 0.2678, 0.2659**, and if you desaturate by 10%, it is **88.5047, 0.3027, 0.3153**.

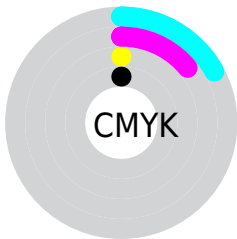
Distribution



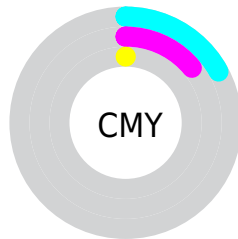
- Red (84%)
- Green (86%)
- Blue (100%)



- Red (84%)
- Yellow (86%)
- Blue (100%)



- Cyan (17%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (17%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.5525, 0.2860, 0.2920 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 72.5525, 0.2860, 0.2920 by changing the saturation by 10% instead.

■ 72.5525, 0.2860,
0.2920

■ 72.5525, 0.2860,
0.2920

469.4624, 0.2983,
0.3089

■ 53.6101, 0.2832,
0.2882

122.8417, 0.2903,
0.2978

■ 38.2901, 0.2797,
0.2836

154.9574, 0.2919,
0.3001

■ 26.2079, 0.2754,
0.2778

192.2329, 0.2934,
0.3020

■ 16.9792, 0.2697,
0.2703

235.0526, 0.2946,
0.3037

■ 10.2197, 0.2620,
0.2602

283.8011, 0.2957,
0.3053

■ 5.5449, 0.2510,
0.2462

338.8626, 0.2967,

■ 2.5704, 0.2343,

0.3066

0.2252

400.6216, 0.2976,
0.3078

■ 0.9118, 0.2062,
0.1910

■ 0.0000, 0.0000,
0.0000

■ 72.5525, 0.2860,
0.2920

■ 72.5525, 0.2860,
0.2920

■ 58.6144, 0.2678,
0.2659

■ 88.5047, 0.3027,
0.3153

■ 46.6010, 0.2484,
0.2373

99.9991, 0.3127,
0.3290

■ 36.4293, 0.2284,
0.2068

■ 28.0069, 0.2087,
0.1755

■ 21.2329, 0.1904,
0.1451

■ 15.9961, 0.1748,
0.1174

■ 12.1704, 0.1629,
0.0943

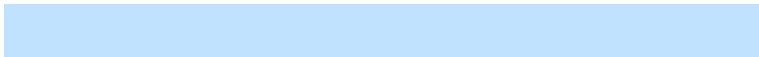
■ 9.6079, 0.1554,
0.0773

■ 8.9593, 0.1535,
0.0727

Harmonies

Analogous

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



72.5525, 0.2734, 0.2975



72.5525, 0.2860, 0.2920



72.5525, 0.3060, 0.2959

Triad

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



72.5525, 0.2860, 0.2920



72.5525, 0.3563, 0.3438



72.5525, 0.2964, 0.3517

Complementary

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



72.5525, 0.2860, 0.2920



93.1068, 0.3387, 0.3635

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.



72.5525, 0.3182, 0.3652



72.5525, 0.2860, 0.2920



72.5525, 0.3533, 0.3596

Square

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



72.5525, 0.2860, 0.2920



72.5525, 0.3471, 0.3250



72.5525, 0.3392, 0.3678



72.5525, 0.2793, 0.3317

Rectangle

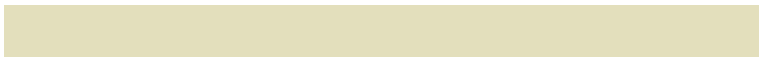
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.5525, 0.2860, 0.2920



72.5525, 0.3210, 0.3031



72.5525, 0.3392, 0.3678



72.5525, 0.3034, 0.3572

Sweetspot

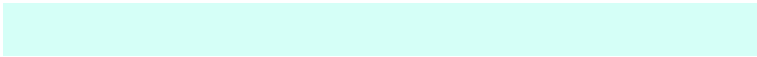
The Sweet Spot groups the original color and five complimentary colors.



72.5555, 0.2860, 0.2920



91.0891, 0.3051, 0.3186



92.3757, 0.2918, 0.3369



19.2378, 0.3040, 0.3171



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.



72.5555, 0.2860, 0.2920



67.4623, 0.2798, 0.2832



70.9685, 0.2946, 0.2854



17.8746, 0.2979, 0.3086



4.8262, 0.1541, 0.0747



0.6020, 0.1590, 0.0924

Inverse Universe

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



73.9693, 0.3391, 0.3219



69.2313, 0.3460, 0.3203



95.1279, 0.3289, 0.3713



18.0372, 0.3268, 0.3250



11.2152, 0.6156, 0.3165



1.1053, 0.5874, 0.3010

Previews

White Background



This preview shows how the Yxy color 72.5525, 0.2860, 0.2920 looks on a white background.

Color Contrast Check

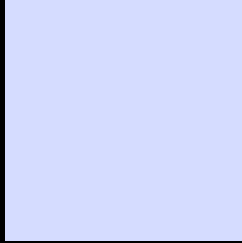
Large Text (above 18pt) WCAG AA × Fail

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 72.5525, 0.2860, 0.2920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

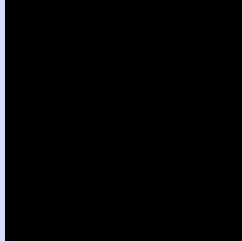
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.5525, 0.2860, 0.2920

Background



This preview shows how black text looks on a background with the Yxy color 72.5525, 0.2860, 0.2920.

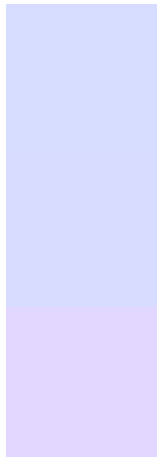


This preview shows how white text looks on a background with the Yxy color 72.5525, 0.2860, 0.2920.

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

72.5525, 0.2860, 0.2920

Protanopia

72.3301, 0.2873, 0.2910

Deuteranopia

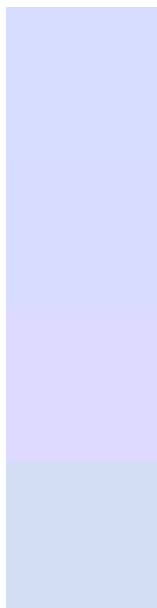
72.5005, 0.2945, 0.2886



Tritanopia

72.7683, 0.2932, 0.3105

Trichromacy



Original Color

72.5525, 0.2860, 0.2920

Protanomaly

72.1792, 0.2866, 0.2909

Deuteranomaly

72.2179, 0.2912, 0.2893

Tritanomaly

72.6840, 0.2908, 0.3042

Monochromacy



Original Color

72.5525, 0.2860, 0.2920

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.7135, 0.3029, 0.3150

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.5525, 0.2860, 0.2920 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(213, 220, 255)` looks like.

```
.text, #text, p{  
    color:rgb(213, 220, 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(213, 220, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 220, 255) }
```

Border

The CSS property to change the border of an element to Yxy 72.5525, 0.2860, 0.2920 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(213, 220, 255) }
```

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

```
.border{ border-color:rgb(213, 220, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 220, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 220, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 220, 255); box-shadow:4px 4px 4px 4px rgb(213, 220, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 72.5525, 0.2860, 0.2920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 220, 255) }
```

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

```
.background{ background-color: rgb(213,  
220, 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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