

Converting Colors

Yxy(57.4574, 0.2744, 0.2606)

Have a look what the booklet for
Yxy(57.4574, 0.2744, 0.2606)
contains.

Yxy(57.3657, 0.2742, 0.2604)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(57.3657, 0.2742, 0.2604)

Conversions

Conversions Part 1

Format	Color
Hex	C6C1FF
RGB	198, 193, 255
RGB Percent	78%, 76%, 100%
CMY	0.2237, 0.2431, 0.0000
CMYK	0.22, 0.24, 0.00, 0.00
HSL	245°, 100%, 88%
HSV	245°, 24%, 100%
XYZ	60.4058, 57.3657, 102.5269
YIQ	201.5630, -16.9220, 20.3420

Conversions

Conversions Part 2

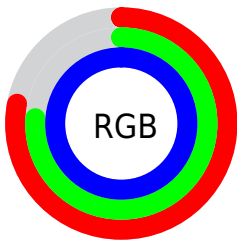
Format	Color
R _Y B	198, 193, 255
Decimal	13025791
CIE Lab	80.38, 14.43, -29.85
CIE LCh	80, 33.155, 295.802
Yxy	57.3657, 0.2742, 0.2604
Android (android.graphics.Color)	4291215871 (0xFFC6C1FF)
YUV	201.5630, 26.3444, -3.1248
Hunter-Lab	75.7401, 9.8157, -27.2408

Details

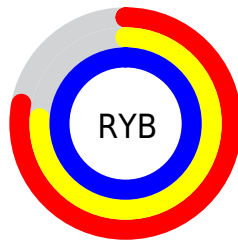
The Yxy color $57.3657, 0.2742, 0.2604$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $95.7032, 0.3462, 0.3906$, and the grayscale version is $58.6139, 0.3127, 0.3290$.

A 20% lighter version of the original color is $96.2314, 0.3130, 0.3233$, and $28.6730, 0.2643, 0.2453$ is the 20% darker color. If you saturate the color by 10%, you get $44.1014, 0.2551, 0.2272$, and if you desaturate by 10%, it is $73.0673, 0.2915, 0.2910$.

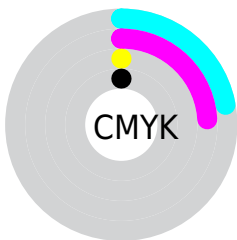
Distribution



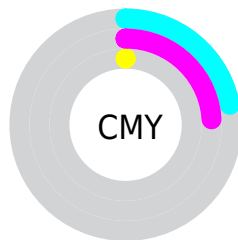
- Red (78%)
- Green (76%)
- Blue (100%)



- Red (78%)
- Yellow (76%)
- Blue (100%)



- Cyan (22%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)





- Cyan (22%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.3657, 0.2742, 0.2604 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 57.3657, 0.2742, 0.2604 by changing the saturation by 10% instead.


 57.3657, 0.2742,
0.2604

 57.3657, 0.2742,
0.2604

414.8182, 0.2928,
0.2921

 41.2989, 0.2698,
0.2532


 100.9986, 0.2808,
0.2713

 28.5527, 0.2643,
0.2445


129.3335, 0.2833,
0.2756

 18.7427, 0.2572,
0.2334


162.5266, 0.2855,
0.2793

 11.4845, 0.2477,
0.2192

200.9622, 0.2874,
0.2825

 6.3937, 0.2347,
0.2004

245.0248, 0.2890,
0.2853

 3.0859, 0.2157,
0.1743

295.0987, 0.2904,

 1.1768, 0.1862,

0.2878

0.1369

351.5684, 0.2917,
0.2901

0.0426, 0.1265,
0.0137

0.0000, 0.0000,
0.0000

57.3657, 0.2742,
0.2604

57.3657, 0.2742,
0.2604

44.1014, 0.2551,
0.2272

73.0673, 0.2915,
0.2910

33.1524, 0.2347,
0.1922

91.3203, 0.3068,
0.3183

24.3854, 0.2140,
0.1572

100.0000, 0.3127,
0.3290

17.6540, 0.1941,
0.1246

■ 12.7936, 0.1768,
0.0969

■ 9.6138, 0.1634,
0.0766

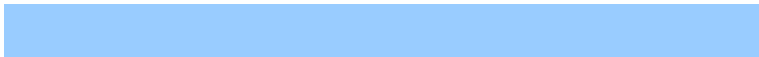
■ 7.8835, 0.1548,
0.0647

■ 7.3727, 0.1519,
0.0610

Harmonies

Analogous

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



57.3657, 0.2451, 0.2624



57.3657, 0.2742, 0.2604



57.3657, 0.3155, 0.2740

Triad

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



57.3657, 0.2742, 0.2604



57.3657, 0.3989, 0.3679



57.3657, 0.2663, 0.3593

Complementary

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



57.3657, 0.2742, 0.2604



95.7032, 0.3462, 0.3906

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.



57.3657, 0.3053, 0.3942



57.3657, 0.2742, 0.2604



57.3657, 0.3828, 0.3957

Square

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



57.3657, 0.2742, 0.2604



57.3657, 0.3902, 0.3334



57.3657, 0.3481, 0.4072



57.3657, 0.2407, 0.3167

Rectangle

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



57.3657, 0.2742, 0.2604



57.3657, 0.3450, 0.2903



57.3657, 0.3481, 0.4072



57.3657, 0.2782, 0.3727

Sweetspot

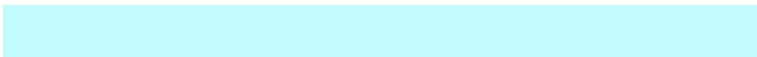
The Sweet Spot groups the original color and five complimentary colors.



57.3656, 0.2742, 0.2604



86.1524, 0.3029, 0.3112



87.4704, 0.2764, 0.3245



18.1976, 0.3020, 0.3096



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.



57.3656, 0.2742, 0.2604



50.8478, 0.2655, 0.2451



61.8812, 0.2956, 0.2645



17.4471, 0.2991, 0.3045



3.8766, 0.1525, 0.0614



0.4002, 0.1579, 0.0643

Inverse Universe

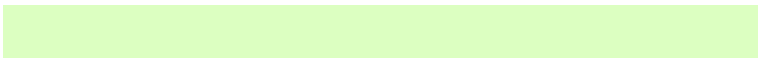
The Inverse Universe completely reimagines the original color for something new.



66.3097, 0.3191, 0.2728



61.1733, 0.3206, 0.2619



90.5665, 0.3263, 0.3948



18.2738, 0.3150, 0.3074



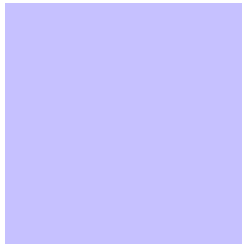
14.2420, 0.3421, 0.1658



1.3938, 0.3394, 0.1644

Previews

White Background



This preview shows how the Yxy color 57.3657, 0.2742, 0.2604 looks on a white background.

Color Contrast Check

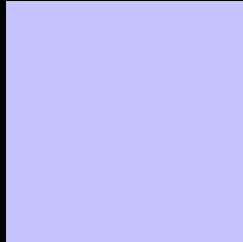
Large Text (above 18pt) WCAG AA × Fail

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 57.3657, 0.2742, 0.2604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

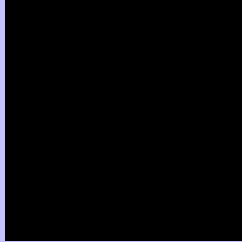
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.3657, 0.2742, 0.2604

Background



This preview shows how black text looks on a background with the Yxy color 57.3657, 0.2742, 0.2604.

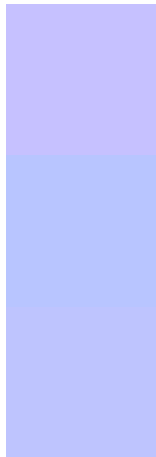


This preview shows how white text looks on a background with the Yxy color 57.3657, 0.2742, 0.2604.

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

57.3657, 0.2742, 0.2604

Protanopia

57.3429, 0.2654, 0.2633

Deuteranopia

57.5828, 0.2697, 0.2639



Tritanopia

57.3428, 0.2947, 0.3099

Trichromacy



Original Color

57.3657, 0.2742, 0.2604

Protanomaly

57.5187, 0.2685, 0.2628

Deuteranomaly

57.5234, 0.2716, 0.2631

Tritanomaly

57.1150, 0.2875, 0.2906

Monochromacy



Original Color

57.3657, 0.2742, 0.2604

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.4848, 0.2987, 0.3035

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.3657, 0.2742, 0.2604 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(198, 193, 255)` looks like.

```
.text, #text, p{  
    color:rgb(198, 193, 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(198, 193, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 193, 255) }
```

Border

The CSS property to change the border of an element to Yxy 57.3657, 0.2742, 0.2604 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(198, 193, 255) }
```

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

```
.border{ border-color:rgb(198, 193, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 193, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 193, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 193, 255);  
box-shadow:4px 4px 4px 4px rgb(198, 193,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 57.3657, 0.2742, 0.2604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 193, 255) }
```

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

```
.background{ background-color: rgb(198,  
193, 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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