

Converting Colors

$Y_{xy}(57.0314, 0.2316, 0.2737)$

Have a look what the booklet for
Yxy(57.0314, 0.2316, 0.2737)
contains.

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Color

Yxy(57.0262, 0.2318, 0.2736)

Conversions

Conversions Part 1

Format	Color
Hex	74D2FF
RGB	116, 210, 255
RGB Percent	45%, 82%, 100%
CMY	0.5446, 0.1765, 0.0000
CMYK	0.54, 0.18, 0.00, 0.00
HSL	199°, 100%, 73%
HSV	199°, 54%, 100%
XYZ	48.3139, 57.0262, 103.0890
YIQ	187.0240, -70.4690, -5.9330

Conversions

Conversions Part 2

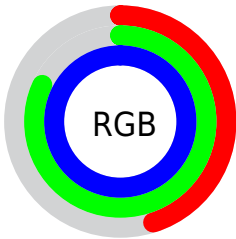
Format	Color
R _Y B	116, 172, 255
Decimal	7656191
CIE Lab	80.19, -15.59, -30.54
CIE LCh	80, 34.286, 242.949
Yxy	57.0262, 0.2318, 0.2736
Android (android.graphics.Color)	4285846271 (0xFF74D2FF)
YUV	187.0240, 33.5122, -62.2880
Hunter-Lab	75.5157, -17.9507, -28.0778

Details

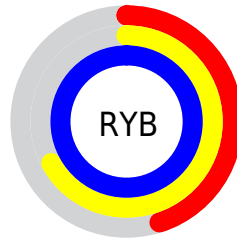
The Yxy color **57.0262, 0.2318, 0.2736** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **48.0630, 0.4464, 0.3753**, and the grayscale version is **49.5616, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.9701, 0.2681, 0.3289**, and **28.1729, 0.2127, 0.2585** is the 20% darker color. If you saturate the color by 10%, you get **51.5339, 0.2200, 0.2613**, and if you desaturate by 10%, it is **63.2099, 0.2451, 0.2855**.

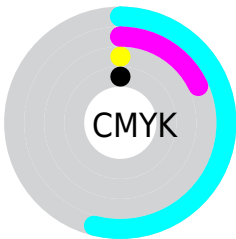
Distribution



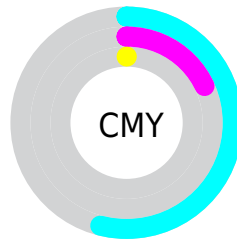
- Red (45%)
- Green (82%)
- Blue (100%)



- Red (45%)
- Yellow (67%)
- Blue (100%)



- Cyan (54%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (54%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.0262, 0.2318, 0.2736 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 57.0262, 0.2318, 0.2736 by changing the saturation by 10% instead.


 57.0262, 0.2318,
0.2736


 57.0262, 0.2318,
0.2736


413.5475, 0.2694,
0.3006


 41.0263, 0.2233,
0.2672

 100.5034, 0.2448,
0.2832

 28.3396, 0.2128,
0.2591


 128.7495, 0.2499,
0.2869

 18.5818, 0.1997,
0.2487


 161.8464, 0.2543,
0.2900

 11.3685, 0.1829,
0.2350


200.1786, 0.2581,
0.2927

 6.3153, 0.1608,
0.2161

244.1304, 0.2614,
0.2951

 3.0377, 0.1310,
0.1890

294.0862, 0.2644,

 1.1515, 0.0893,

0.2972

0.1486

350.4304, 0.2670,
0.2990

0.0215, 0.0000,
0.0079

0.0000, 0.0000,
0.0000

57.0262, 0.2318,
0.2736

57.0262, 0.2318,
0.2736

51.5339, 0.2200,
0.2613

63.2099, 0.2451,
0.2855

46.6881, 0.2100,
0.2488

70.1225, 0.2595,
0.2966

42.4395, 0.2021,
0.2363

77.7996, 0.2747,
0.3071

38.7271, 0.1962,
0.2239

86.2740, 0.2902,
0.3167

■ 36.8553, 0.1937,
0.2172

■ 95.5760, 0.3058,
0.3254

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



57.0262, 0.2346, 0.3063



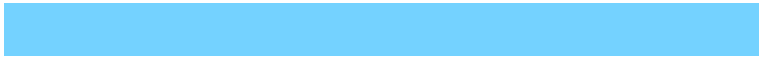
57.0262, 0.2318, 0.2736



57.0262, 0.2484, 0.2581

Triad

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



57.0262, 0.2318, 0.2736



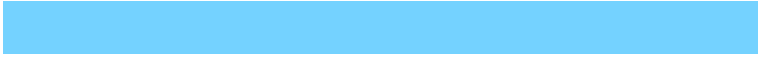
57.0262, 0.3699, 0.3067



57.0262, 0.3389, 0.4094

Complementary

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



57.0262, 0.2318, 0.2736



48.0630, 0.4464, 0.3753

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.



57.0262, 0.3780, 0.4028



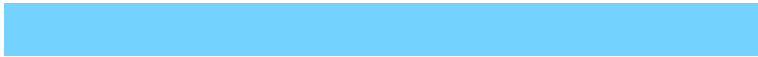
57.0262, 0.2318, 0.2736



57.0262, 0.3976, 0.3420

Square

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



57.0262, 0.2318, 0.2736



57.0262, 0.3266, 0.2776



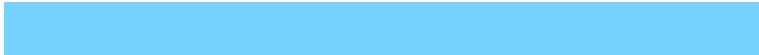
57.0262, 0.4002, 0.3769



57.0262, 0.2945, 0.3898

Rectangle

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



57.0262, 0.2318, 0.2736



57.0262, 0.2693, 0.2576



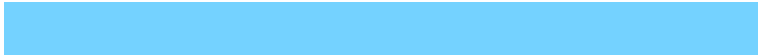
57.0262, 0.4002, 0.3769



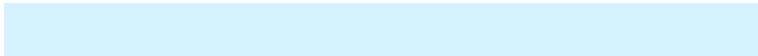
57.0262, 0.3532, 0.4099

Sweetspot

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



57.0267, 0.2318, 0.2736



84.9165, 0.2878, 0.3153



77.7832, 0.2854, 0.4500



17.7935, 0.2846, 0.3133



0.0000, 0.0000, 0.0000



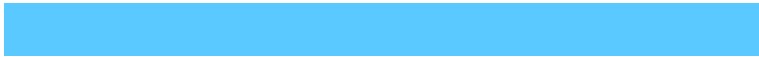
21.4041, 0.3127, 0.3290

Same Dimension

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



57.0267, 0.2318, 0.2736



51.2565, 0.2194, 0.2607



30.1644, 0.2132, 0.1843



19.4305, 0.2980, 0.3211



19.5407, 0.1942, 0.2192



2.1013, 0.1981, 0.2332

Inverse Universe

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



38.4319, 0.3632, 0.2360



32.6763, 0.3772, 0.2224



78.8616, 0.4045, 0.4396



18.1943, 0.3188, 0.3131



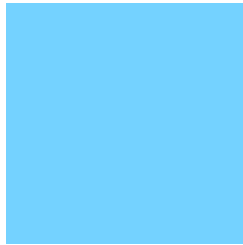
12.7006, 0.4241, 0.2110



1.2567, 0.4093, 0.2029

Previews

White Background



This preview shows how the Yxy color 57.0262, 0.2318, 0.2736 looks on a white background.

Color Contrast Check

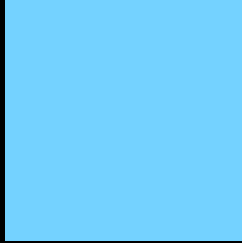
Large Text (above 18pt) WCAG AA × Fail

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 57.0262, 0.2318, 0.2736 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

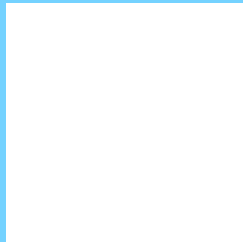
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.0262, 0.2318, 0.2736

Background



This preview shows how black text looks on a background with the Yxy color 57.0262, 0.2318, 0.2736.



This preview shows how white text looks on a background with the Yxy color 57.0262, 0.2318, 0.2736.

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

57.0262, 0.2318, 0.2736

Protanopia

56.5115, 0.2724, 0.2726

Deuteranopia

56.5645, 0.2658, 0.2611



Tritanopia

56.9885, 0.2397, 0.3068

Trichromacy



Original Color

57.0262, 0.2318, 0.2736

Protanomaly

56.1899, 0.2550, 0.2720

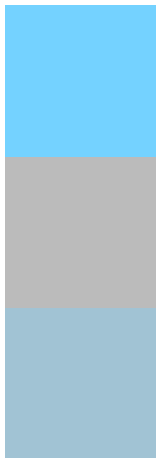
Deuteranomaly

56.0021, 0.2512, 0.2644

Tritanomaly

57.1948, 0.2366, 0.2945

Monochromacy



Original Color

57.0262, 0.2318, 0.2736

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

51.3607, 0.2757, 0.3071

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.0262, 0.2318, 0.2736 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(116, 210, 255)` looks like.

```
.text, #text, p{  
    color:rgb(116, 210, 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(116, 210, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 210, 255) }
```

Border

The CSS property to change the border of an element to Yxy 57.0262, 0.2318, 0.2736 is called "border". The border property can be set on classes, ids or directly on the HTML element.

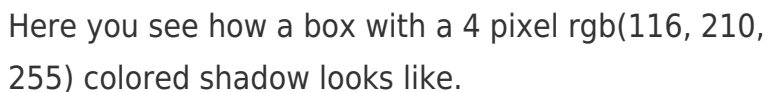
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 210, 255) }
```

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

```
.border{ border-color:rgb(116, 210, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(116, 210, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 210, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 210, 255);  
box-shadow:4px 4px 4px 4px rgb(116, 210,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 57.0262, 0.2318, 0.2736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 210, 255) }
```

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

```
.background{ background-color: rgb(116,  
210, 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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