

Converting Colors

$Yxy(60.3016, 0.2398, 0.2798)$

Have a look what the booklet for
Yxy(60.3016, 0.2398, 0.2798)
contains.

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Color

Yxy(60.2187, 0.2397, 0.2796)

Conversions

Conversions Part 1

Format	Color
Hex	84D6FF
RGB	132, 214, 255
RGB Percent	52%, 84%, 100%
CMY	0.4820, 0.1608, 0.0000
CMYK	0.48, 0.16, 0.00, 0.00
HSL	200°, 100%, 76%
HSV	200°, 48%, 100%
XYZ	51.6253, 60.2187, 103.5305
YIQ	194.1560, -62.0330, -4.6330

Conversions

Conversions Part 2

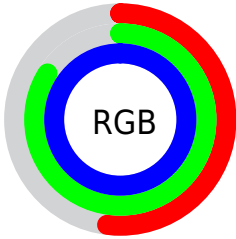
Format	Color
R _Y B	132, 181, 255
Decimal	8705791
CIE Lab	81.96, -14.27, -27.78
CIE LCh	82, 31.229, 242.802
Yxy	60.2187, 0.2397, 0.2796
Android (android.graphics.Color)	4286895871 (0xFF84D6FF)
YUV	194.1560, 29.9961, -54.5108
Hunter-Lab	77.6007, -17.0509, -24.7809

Details

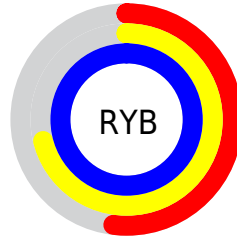
The Yxy color **60.2187, 0.2397, 0.2796** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **52.8553, 0.4248, 0.3719**, and the grayscale version is **53.9040, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.8164, 0.2757, 0.3289**, and **30.2512, 0.2227, 0.2667** is the 20% darker color. If you saturate the color by 10%, you get **54.2121, 0.2268, 0.2672**, and if you desaturate by 10%, it is **66.9540, 0.2539, 0.2914**.

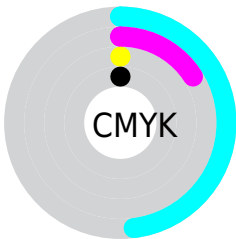
Distribution



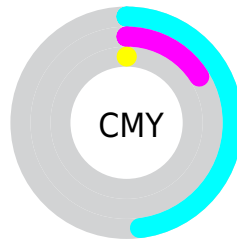
- Red (52%)
- Green (84%)
- Blue (100%)



- Red (52%)
- Yellow (71%)
- Blue (100%)



- Cyan (48%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)





- Cyan (48%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.2187, 0.2397, 0.2796 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 60.2187, 0.2397, 0.2796 by changing the saturation by 10% instead.


 60.2187, 0.2397,
0.2796


 60.2187, 0.2397,
0.2796


425.4034, 0.2735,
0.3035


 43.5949, 0.2321,
0.2739


 105.1469, 0.2514,
0.2881

 30.3522, 0.2227,
0.2669


 134.2200, 0.2559,
0.2913

 20.1061, 0.2109,
0.2578


 168.2118, 0.2599,
0.2941

 12.4722, 0.1958,
0.2457

207.5066, 0.2633,
0.2965

 7.0661, 0.1758,
0.2292

252.4887, 0.2663,
0.2986

 3.5035, 0.1484,
0.2054

303.5427, 0.2690,

 1.3999, 0.1101,

0.3004

0.1691

361.0528, 0.2714,
0.3021

0.2166, 0.0000,
0.0728

0.0000, 0.0000,
0.0000

60.2187, 0.2397,
0.2796

60.2187, 0.2397,
0.2796

54.2121, 0.2268,
0.2672

66.9540, 0.2539,
0.2914

48.8917, 0.2155,
0.2544

74.4529, 0.2689,
0.3025

44.2123, 0.2061,
0.2415

82.7499, 0.2844,
0.3127

40.1201, 0.1988,
0.2286

91.8766, 0.3000,
0.3220

■ 36.5427, 0.1935,
0.2159

100.0000, 0.3127,
0.3290

■ 35.9358, 0.1927,
0.2137

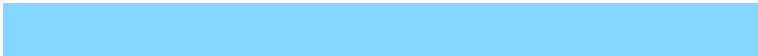
Harmonies

Analogous

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



60.2187, 0.2424, 0.3092



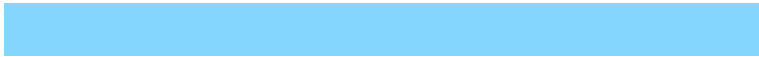
60.2187, 0.2397, 0.2796



60.2187, 0.2548, 0.2652

Triad

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



60.2187, 0.2397, 0.2796



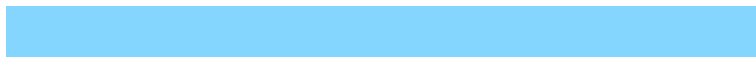
60.2187, 0.3637, 0.3090



60.2187, 0.3367, 0.4005

Complementary

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



60.2187, 0.2397, 0.2796



52.8553, 0.4248, 0.3719

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.



60.2187, 0.3716, 0.3952



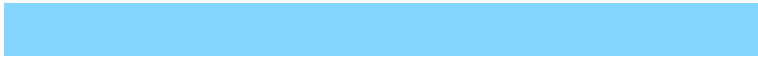
60.2187, 0.2397, 0.2796



60.2187, 0.3884, 0.3410

Square

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



60.2187, 0.2397, 0.2796



60.2187, 0.3251, 0.2825



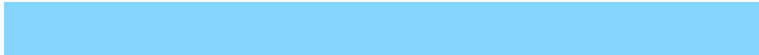
60.2187, 0.3911, 0.3724



60.2187, 0.2969, 0.3831

Rectangle

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



60.2187, 0.2397, 0.2796



60.2187, 0.2737, 0.2645



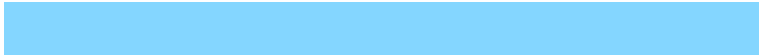
60.2187, 0.3911, 0.3724



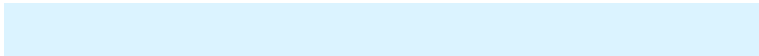
60.2187, 0.3495, 0.4012

Sweetspot

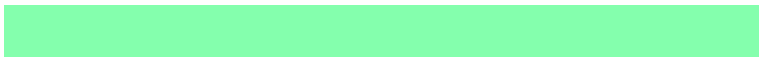
The Sweet Spot groups the original color and five complimentary colors.



60.2193, 0.2397, 0.2796



86.4802, 0.2909, 0.3167



79.4523, 0.2865, 0.4309



18.0962, 0.2876, 0.3147



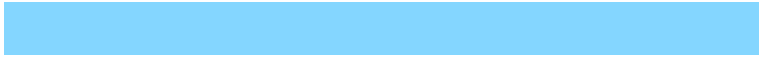
0.0000, 0.0000, 0.0000



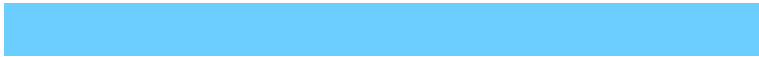
21.4041, 0.3127, 0.3290

Same Dimension

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



60.2193, 0.2397, 0.2796



54.3253, 0.2270, 0.2675



34.7765, 0.2249, 0.2011



19.4002, 0.2980, 0.3209



19.0634, 0.1933, 0.2158



2.0573, 0.1973, 0.2302

Inverse Universe

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



42.6414, 0.3566, 0.2467



36.2354, 0.3693, 0.2323



82.0678, 0.3930, 0.4301



18.1913, 0.3189, 0.3133



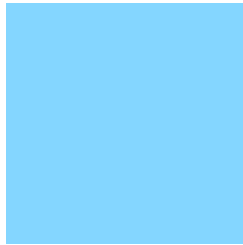
12.6524, 0.4278, 0.2130



1.2522, 0.4125, 0.2046

Previews

White Background



This preview shows how the Yxy color 60.2187, 0.2397, 0.2796 looks on a white background.

Color Contrast Check

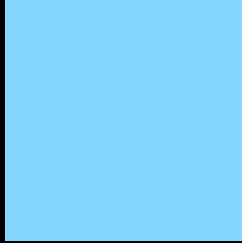
Large Text (above 18pt) WCAG AA × Fail

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 60.2187, 0.2397, 0.2796 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

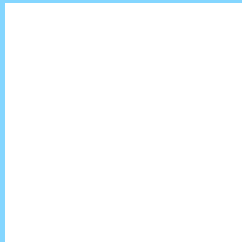
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.2187, 0.2397, 0.2796

Background



This preview shows how black text looks on a background with the Yxy color 60.2187, 0.2397, 0.2796.



This preview shows how white text looks on a background with the Yxy color 60.2187, 0.2397, 0.2796.

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

60.2187, 0.2397, 0.2796

Protanopia

59.7646, 0.2770, 0.2781

Deuteranopia

59.5362, 0.2721, 0.2668



Tritanopia

60.0595, 0.2469, 0.3063

Trichromacy



Original Color

60.2187, 0.2397, 0.2796

Protanomaly

59.6401, 0.2618, 0.2790

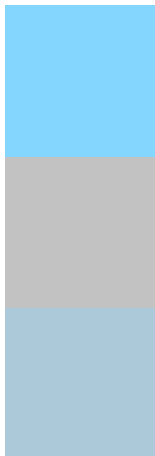
Deuteranomaly

59.0637, 0.2583, 0.2703

Tritanomaly

60.1117, 0.2443, 0.2967

Monochromacy



Original Color

60.2187, 0.2397, 0.2796

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

55.3891, 0.2806, 0.3103

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.2187, 0.2397, 0.2796 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(132, 214, 255)` looks like.

```
.text, #text, p{  
    color:rgb(132, 214, 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(132, 214, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 214, 255) }
```

Border

The CSS property to change the border of an element to Yxy 60.2187, 0.2397, 0.2796 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(132, 214, 255) }
```

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

```
.border{ border-color:rgb(132, 214, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 214, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 214, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 214, 255);  
box-shadow:4px 4px 4px 4px rgb(132, 214,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 60.2187, 0.2397, 0.2796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 214, 255) }
```

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

```
.background{ background-color: rgb(132,  
214, 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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