

Converting Colors

$Yxy(62.2825, 0.2378, 0.2857)$

Have a look what the booklet for
Yxy(62.2825, 0.2378, 0.2857)
contains.

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Color

Yxy(62.2430, 0.2378, 0.2856)

Conversions

Conversions Part 1

Format	Color
Hex	7DDBFF
RGB	125, 219, 255
RGB Percent	49%, 86%, 100%
CMY	0.5101, 0.1411, 0.0001
CMYK	0.51, 0.14, 0.00, 0.00
HSL	197°, 100%, 74%
HSV	197°, 51%, 100%
XYZ	51.8256, 62.2430, 103.8691
YIQ	194.9980, -67.5800, -8.7320

Conversions

Conversions Part 2

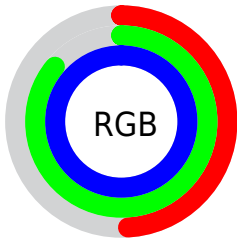
Format	Color
RYB	125, 180, 255
Decimal	8248319
CIELab	83.04, -18.43, -26.12
CIELCh	83, 31.964, 234.798
Yxy	62.2430, 0.2378, 0.2856
Android (android.graphics.Color)	4286438399 (0xFF7DDBFF)
YUV	194.9980, 29.5810, -61.3882
Hunter-Lab	78.8942, -20.8084, -22.8330

Details

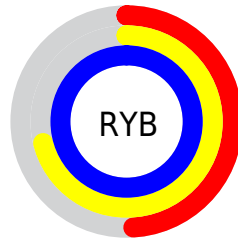
The Yxy color **62.2430, 0.2378, 0.2856** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **48.1778, 0.4385, 0.3665**, and the grayscale version is **54.4115, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.9303, 0.2721, 0.3289**, and **31.6523, 0.2208, 0.2745** is the 20% darker color. If you saturate the color by 10%, you get **56.9671, 0.2261, 0.2754**, and if you desaturate by 10%, it is **68.1716, 0.2510, 0.2954**.

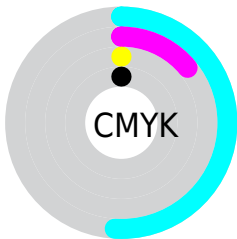
Distribution



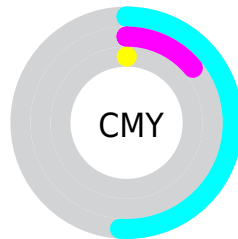
- Red (49%)
- Green (86%)
- Blue (100%)



- Red (49%)
- Yellow (71%)
- Blue (100%)



- Cyan (51%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)





- Cyan (51%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.2430, 0.2378, 0.2856 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 62.2430, 0.2378, 0.2856 by changing the saturation by 10% instead.


 62.2430, 0.2378,
0.2856

 62.2430, 0.2378,
0.2856


432.8169, 0.2723,
0.3068


 45.2291, 0.2301,
0.2805


 108.0767, 0.2497,
0.2931

 31.6379, 0.2206,
0.2742


 137.6652, 0.2543,
0.2960

 21.0851, 0.2087,
0.2660


 172.2140, 0.2583,
0.2985

 13.1862, 0.1936,
0.2552

212.1076, 0.2618,
0.3006

 7.5569, 0.1736,
0.2401

257.7303, 0.2649,
0.3024

 3.8127, 0.1465,
0.2182

309.4665, 0.2676,

 1.5694, 0.1087,

0.3041

367.7005, 0.2701,
0.3055

0.1843

0.3368, 0.0000,
0.1078

0.0000, 0.0000,
0.0000

62.2430, 0.2378,
0.2856

62.2430, 0.2378,
0.2856

56.9671, 0.2261,
0.2754

68.1716, 0.2510,
0.2954

52.2965, 0.2162,
0.2649

74.7823, 0.2652,
0.3046

48.1875, 0.2082,
0.2544

82.1105, 0.2802,
0.3132

44.5849, 0.2023,
0.2439

90.1869, 0.2956,
0.3211

■ 41.7025, 0.1985,
0.2346

■ 99.0402, 0.3112,
0.3283

■ 99.9985, 0.3127,
0.3290

Harmonies

Analogous

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



62.2430, 0.2454, 0.3189



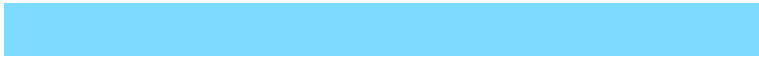
62.2430, 0.2378, 0.2856



62.2430, 0.2484, 0.2667

Triad

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



62.2430, 0.2378, 0.2856



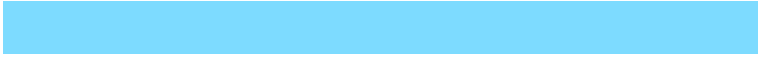
62.2430, 0.3547, 0.3008



62.2430, 0.3474, 0.4022

Complementary

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



62.2430, 0.2378, 0.2856



48.1778, 0.4385, 0.3665

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.



62.2430, 0.3794, 0.3912



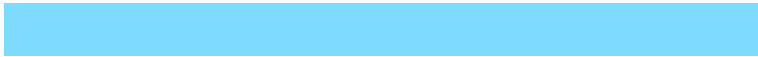
62.2430, 0.2378, 0.2856



62.2430, 0.3847, 0.3323

Square

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



62.2430, 0.2378, 0.2856



62.2430, 0.3141, 0.2765



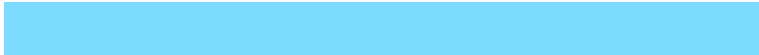
62.2430, 0.3937, 0.3649



62.2430, 0.3073, 0.3907

Rectangle

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



62.2430, 0.2378, 0.2856



62.2430, 0.2648, 0.2632



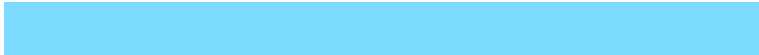
62.2430, 0.3937, 0.3649



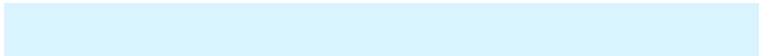
62.2430, 0.3595, 0.4008

Sweetspot

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



62.2453, 0.2378, 0.2856



86.8913, 0.2894, 0.3181



78.3821, 0.2896, 0.4494



18.2340, 0.2862, 0.3164



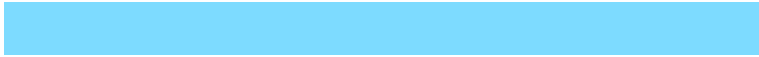
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



62.2453, 0.2378, 0.2856



56.9841, 0.2261, 0.2754



35.1014, 0.2215, 0.2032



19.5824, 0.2980, 0.3223



22.0585, 0.1990, 0.2363



2.3312, 0.2023, 0.2481

Inverse Universe

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



41.0161, 0.3524, 0.2356



35.0226, 0.3632, 0.2207



76.3834, 0.4020, 0.4280



18.2097, 0.3181, 0.3120



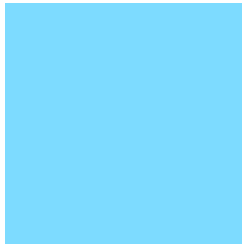
12.9548, 0.4061, 0.2011



1.2799, 0.3941, 0.1945

Previews

White Background



This preview shows how the Yxy color 62.2430, 0.2378, 0.2856 looks on a white background.

Color Contrast Check

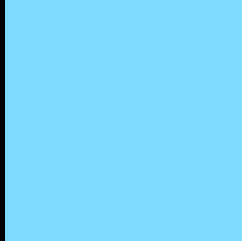
Large Text (above 18pt) WCAG AA × Fail

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 62.2430, 0.2378, 0.2856 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 62.2430, 0.2378, 0.2856

Background



This preview shows how black text looks on a background with the Yxy color 62.2430, 0.2378, 0.2856.

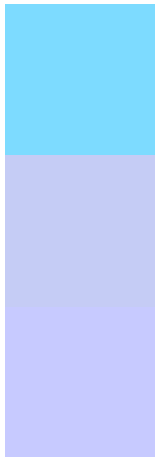


This preview shows how white text looks on a background with the Yxy color 62.2430, 0.2378, 0.2856.

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

62.2430, 0.2378, 0.2856

Protanopia

61.6486, 0.2805, 0.2830

Deuteranopia

61.6032, 0.2757, 0.2708



Tritanopia

62.5269, 0.2431, 0.3065

Trichromacy



Original Color

62.2430, 0.2378, 0.2856

Protanomaly

61.0984, 0.2622, 0.2826

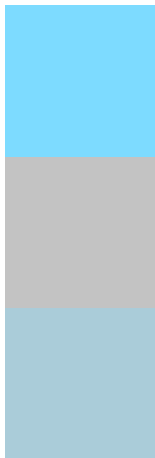
Deuteranomaly

61.1024, 0.2594, 0.2751

Tritanomaly

62.4431, 0.2414, 0.2994

Monochromacy



Original Color

62.2430, 0.2378, 0.2856

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

56.7415, 0.2795, 0.3129

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.2430, 0.2378, 0.2856 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(125, 219, 255)` looks like.

```
.text, #text, p{  
    color:rgb(125, 219, 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(125, 219, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 219, 255) }
```

Border

The CSS property to change the border of an element to Yxy 62.2430, 0.2378, 0.2856 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(125, 219, 255) }
```

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

```
.border{ border-color:rgb(125, 219, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 219, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 219, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 219, 255);  
box-shadow:4px 4px 4px 4px rgb(125, 219,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 62.2430, 0.2378, 0.2856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 219, 255) }
```

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

```
.background{ background-color: rgb(125,  
219, 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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