

Converting Colors

$Yxy(62.0797, 0.2454, 0.2882)$

Have a look what the booklet for
Yxy(62.0797, 0.2454, 0.2882)
contains.

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Color

Yxy(62.0797, 0.2454, 0.2882)

Conversions

Conversions Part 1

Format	Color
Hex	8BD9FB
RGB	139, 217, 251
RGB Percent	55%, 85%, 98%
CMY	0.4553, 0.1489, 0.0157
CMYK	0.45, 0.14, 0.00, 0.02
HSL	198°, 93%, 76%
HSV	198°, 45%, 98%
XYZ	52.8604, 62.0797, 100.4649
YIQ	197.5540, -57.4020, -5.9620

Conversions

Conversions Part 2

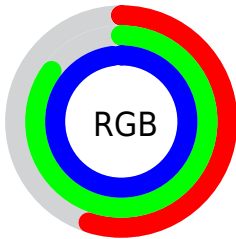
Format	Color
R _Y B	139, 185, 251
Decimal	9165307
CIE Lab	82.96, -15.35, -24.09
CIE LCh	83, 28.569, 237.496
Yxy	62.0797, 0.2454, 0.2882
Android (android.graphics.Color)	4287355387 (0xFF8BD9FB)
YUV	197.5540, 26.3489, -51.3519
Hunter-Lab	78.7907, -18.1287, -20.4464

Details

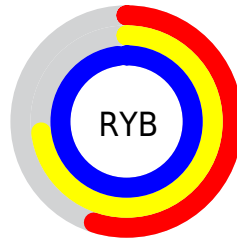
The Yxy color **62.0797, 0.2454, 0.2882** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **52.2140, 0.4154, 0.3654**, and the grayscale version is **56.0394, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.6103, 0.2789, 0.3289**, and **31.4850, 0.2300, 0.2779** is the 20% darker color. If you saturate the color by 10%, you get **56.3325, 0.2324, 0.2772**, and if you desaturate by 10%, it is **68.5083, 0.2596, 0.2986**.

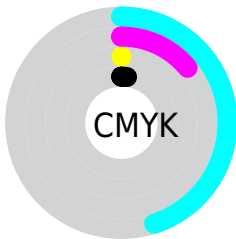
Distribution



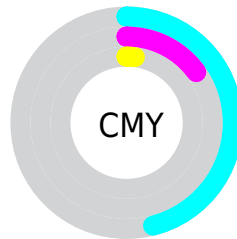
- Red (55%)
- Green (85%)
- Blue (98%)



- Red (55%)
- Yellow (73%)
- Blue (98%)



- Cyan (45%)
- Magenta (14%)
- Yellow (0%)
- Black (2%)




- Cyan (46%)
- Magenta (15%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.0797, 0.2454, 0.2882 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 62.0797, 0.2454, 0.2882 by changing the saturation by 10% instead.


 62.0797, 0.2454,
0.2882

 62.0797, 0.2454,
0.2882

432.2217, 0.2765,
0.3080

 45.0971, 0.2384,
0.2835


 107.8407, 0.2562,
0.2952

 31.5339, 0.2297,
0.2776


 137.3879, 0.2604,
0.2979

 21.0057, 0.2188,
0.2699


171.8921, 0.2640,
0.3002

 13.1282, 0.2048,
0.2598

211.7377, 0.2671,
0.3022

 7.5169, 0.1862,
0.2457

257.3090, 0.2699,
0.3040

 3.7874, 0.1604,
0.2250

308.9906, 0.2724,

 1.5554, 0.1235,

0.3055

0.1927

367.1667, 0.2746,
0.3068

■ 0.3272, 0.0000,
0.1161

■ 0.0000, 0.0000,
0.0000

■ 62.0797, 0.2454,
0.2882

■ 62.0797, 0.2454,
0.2882

■ 56.3325, 0.2324,
0.2772

■ 68.5083, 0.2596,
0.2986

■ 51.2228, 0.2209,
0.2658

■ 75.6448, 0.2745,
0.3084

■ 46.7117, 0.2113,
0.2542

■ 83.5223, 0.2900,
0.3173

■ 42.7515, 0.2037,
0.2425

■ 92.1698, 0.3055,
0.3255

■ 39.2843, 0.1982,
0.2310

■ 99.7452, 0.3150,
0.3328

■ 37.5915, 0.1958,
0.2249

Harmonies

Analogous

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



62.0797, 0.2509, 0.3172



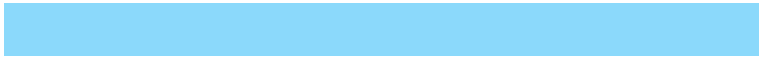
62.0797, 0.2454, 0.2882



62.0797, 0.2564, 0.2722

Triad

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



62.0797, 0.2454, 0.2882



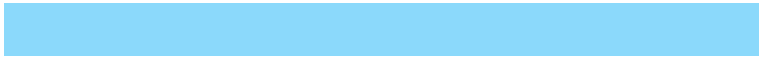
62.0797, 0.3533, 0.3061



62.0797, 0.3409, 0.3941

Complementary

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



62.0797, 0.2454, 0.2882



52.2140, 0.4154, 0.3654

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.



62.0797, 0.3706, 0.3865



62.0797, 0.2454, 0.2882



62.0797, 0.3785, 0.3350

Square

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



62.0797, 0.2454, 0.2882



62.0797, 0.3174, 0.2832



62.0797, 0.3848, 0.3641



62.0797, 0.3048, 0.3818

Rectangle

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



62.0797, 0.2454, 0.2882



62.0797, 0.2722, 0.2697



62.0797, 0.3848, 0.3641



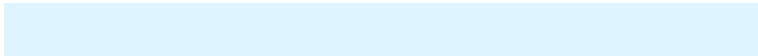
62.0797, 0.3520, 0.3937

Sweetspot

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



62.0821, 0.2454, 0.2882



88.0010, 0.2925, 0.3187



77.4759, 0.2898, 0.4267



18.4290, 0.2891, 0.3168



0.0000, 0.0000, 0.0000



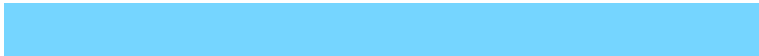
21.4041, 0.3127, 0.3290

Same Dimension

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



62.0821, 0.2454, 0.2882



58.7407, 0.2332, 0.2779



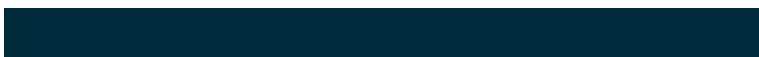
38.0483, 0.2329, 0.2170



18.6683, 0.2980, 0.3216



20.0275, 0.1964, 0.2268



2.0413, 0.2001, 0.2405

Inverse Universe

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



43.9575, 0.3488, 0.2492



38.8698, 0.3595, 0.2341



78.1791, 0.3885, 0.4199



17.4297, 0.3185, 0.3126



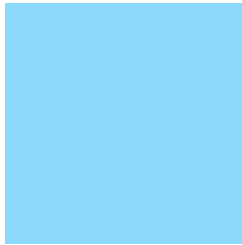
12.4327, 0.4160, 0.2065



1.1703, 0.4018, 0.1987

Previews

White Background



This preview shows how the Yxy color 62.0797, 0.2454, 0.2882 looks on a white background.

Color Contrast Check

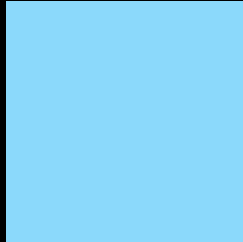
Large Text (above 18pt) WCAG AA × Fail

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 62.0797, 0.2454, 0.2882 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 62.0797, 0.2454, 0.2882

Background



This preview shows how black text looks on a background with the Yxy color 62.0797, 0.2454, 0.2882.

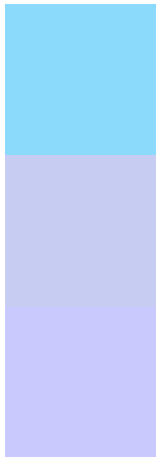


This preview shows how white text looks on a background with the Yxy color 62.0797, 0.2454, 0.2882.

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

62.0797, 0.2454, 0.2882

Protanopia

61.6023, 0.2830, 0.2863

Deuteranopia

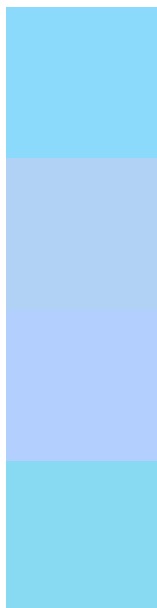
61.3466, 0.2775, 0.2708



Tritanopia

61.9284, 0.2506, 0.3067

Trichromacy



Original Color

62.0797, 0.2454, 0.2882

Protanomaly

61.5406, 0.2680, 0.2873

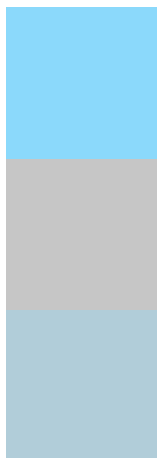
Deuteranomaly

61.1825, 0.2640, 0.2765

Tritanomaly

61.7879, 0.2485, 0.2995

Monochromacy



Original Color

62.0797, 0.2454, 0.2882

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

58.0195, 0.2844, 0.3143

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.0797, 0.2454, 0.2882 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(139, 217, 251)` looks like.

```
.text, #text, p{  
    color:rgb(139, 217, 251)  
}
```

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(139, 217, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 217, 251) }
```

Border

The CSS property to change the border of an element to Yxy 62.0797, 0.2454, 0.2882 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(139, 217, 251) }
```

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

```
.border{ border-color:rgb(139, 217, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 217, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 217, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 217, 251);  
box-shadow:4px 4px 4px 4px rgb(139, 217,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 62.0797, 0.2454, 0.2882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 217, 251) }
```

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

```
.background{ background-color: rgb(139,  
217, 251) }
```

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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