

Converting Colors

$Yxy(62.0765, 0.2437, 0.2951)$

Have a look what the booklet for
Yxy(62.0765, 0.2437, 0.2951)
contains.

Yxy(62.1243, 0.2436, 0.2948)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(62.1243, 0.2436, 0.2948)

Conversions

Conversions Part 1

Format	Color
Hex	82DBF7
RGB	130, 219, 247
RGB Percent	51%, 86%, 97%
CMY	0.4898, 0.1412, 0.0314
CMYK	0.47, 0.11, 0.00, 0.03
HSL	194°, 88%, 74%
HSV	194°, 47%, 97%
XYZ	51.3347, 62.1243, 97.2747
YIQ	195.5810, -62.0320, -10.1600

Conversions

Conversions Part 2

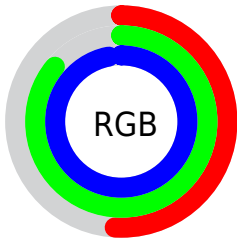
Format	Color
R _Y B	130, 181, 247
Decimal	8575991
CIE Lab	82.98, -19.45, -21.97
CIE LCh	83, 29.341, 228.483
Yxy	62.1243, 0.2436, 0.2948
Android (android.graphics.Color)	4286766071 (0xFF82DBF7)
YUV	195.5810, 25.3496, -57.5145
Hunter-Lab	78.8190, -21.6763, -17.9997

Details

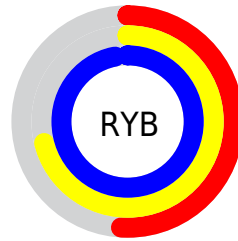
The Yxy color **62.1243, 0.2436, 0.2948** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **45.8725, 0.4281, 0.3594**, and the grayscale version is **54.8244, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.4314, 0.2742, 0.3289**, and **31.6146, 0.2273, 0.2851** is the 20% darker color. If you saturate the color by 10%, you get **57.3684, 0.2318, 0.2862**, and if you desaturate by 10%, it is **67.4634, 0.2568, 0.3030**.

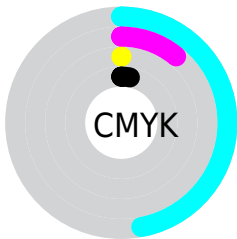
Distribution



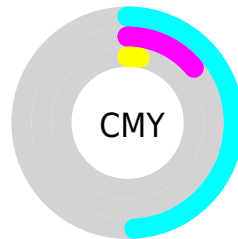
- Red (51%)
- Green (86%)
- Blue (97%)



- Red (51%)
- Yellow (71%)
- Blue (97%)



- Cyan (47%)
- Magenta (11%)
- Yellow (0%)
- Black (3%)



- Cyan (49%)
- Magenta (14%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.1243, 0.2436, 0.2948 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 62.1243, 0.2436, 0.2948 by changing the saturation by 10% instead.


 62.1243, 0.2436,
0.2948

 62.1243, 0.2436,
0.2948


432.3844, 0.2755,
0.3117

 45.1331, 0.2364,
0.2907


 107.9052, 0.2546,
0.3009

 31.5623, 0.2275,
0.2855


 137.4637, 0.2589,
0.3032

 21.0274, 0.2163,
0.2788


 171.9800, 0.2627,
0.3051

 13.1440, 0.2020,
0.2698

211.8387, 0.2659,
0.3068

 7.5278, 0.1828,
0.2571

257.4241, 0.2687,
0.3083

 3.7943, 0.1564,
0.2380

309.1206, 0.2713,

 1.5592, 0.1187,

0.3095

0.2074

367.3125, 0.2735,
0.3107

■ 0.3298, 0.0000,
0.1290

■ 0.0000, 0.0000,
0.0000

■ 62.1243, 0.2436,
0.2948

■ 62.1243, 0.2436,
0.2948

■ 57.3684, 0.2318,
0.2862

■ 67.4634, 0.2568,
0.3030

■ 53.1535, 0.2218,
0.2773

■ 73.4106, 0.2710,
0.3108

■ 49.4421, 0.2136,
0.2683

■ 79.9972, 0.2860,
0.3180

■ 46.1876, 0.2075,
0.2593

■ 87.2505, 0.3014,
0.3246

■ 43.3295, 0.2032,
0.2505

■ 95.1957, 0.3168,
0.3305

■ 42.6091, 0.2023,
0.2481

■ 99.1694, 0.3174,
0.3362

■ 99.4950, 0.3173,
0.3367

Harmonies

Analogous

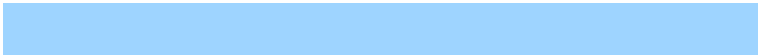
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



62.1243, 0.2543, 0.3275



62.1243, 0.2436, 0.2948



62.1243, 0.2499, 0.2741

Triad

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



62.1243, 0.2436, 0.2948



62.1243, 0.3439, 0.2976



62.1243, 0.3519, 0.3956

Complementary

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



62.1243, 0.2436, 0.2948



45.8725, 0.4281, 0.3594

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.



62.1243, 0.3785, 0.3822



62.1243, 0.2436, 0.2948



62.1243, 0.3743, 0.3258

Square

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



62.1243, 0.2436, 0.2948



62.1243, 0.3061, 0.2770



62.1243, 0.3871, 0.3563



62.1243, 0.3158, 0.3893

Rectangle

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



62.1243, 0.2436, 0.2948



62.1243, 0.2631, 0.2685



62.1243, 0.3871, 0.3563



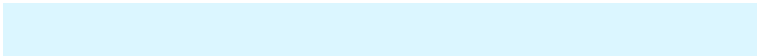
62.1243, 0.3623, 0.3930

Sweetspot

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



62.1267, 0.2436, 0.2948



88.5115, 0.2910, 0.3202



73.7174, 0.2927, 0.4440



18.5937, 0.2877, 0.3188



0.0000, 0.0000, 0.0000



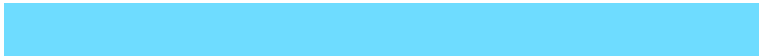
21.4041, 0.3127, 0.3290

Same Dimension

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



62.1267, 0.2436, 0.2948



61.7957, 0.2321, 0.2864



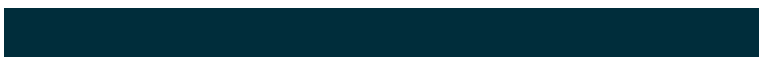
37.0505, 0.2297, 0.2193



18.0457, 0.2980, 0.3232



22.7673, 0.2027, 0.2496



2.1587, 0.2058, 0.2607

Inverse Universe

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



40.8765, 0.3442, 0.2379



37.5136, 0.3530, 0.2218



70.4063, 0.3970, 0.4178



16.6964, 0.3175, 0.3112



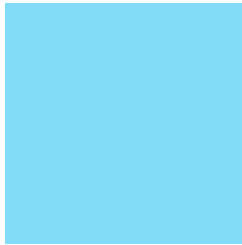
12.3977, 0.3926, 0.1937



1.1056, 0.3817, 0.1876

Previews

White Background



This preview shows how the Yxy color 62.1243, 0.2436, 0.2948 looks on a white background.

Color Contrast Check

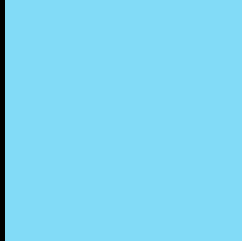
Large Text (above 18pt) WCAG AA × Fail

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 62.1243, 0.2436, 0.2948 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 62.1243, 0.2436, 0.2948

Background



This preview shows how black text looks on a background with the Yxy color 62.1243, 0.2436, 0.2948.

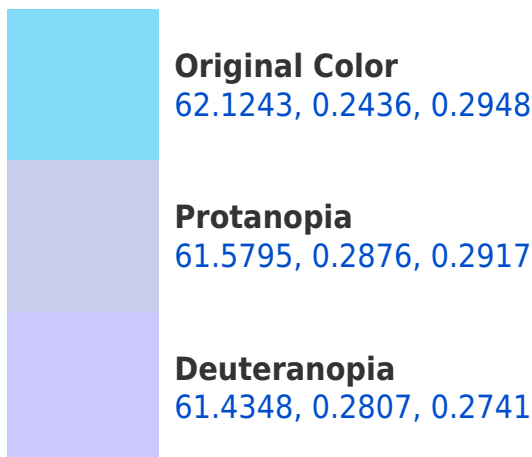


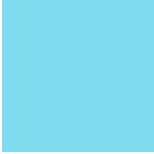
This preview shows how white text looks on a background with the Yxy color 62.1243, 0.2436, 0.2948.

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





Tritanopia

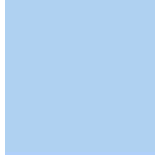
61.8715, 0.2466, 0.3065

Trichromacy



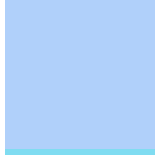
Original Color

62.1243, 0.2436, 0.2948



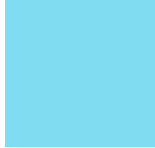
Protanomaly

61.0658, 0.2691, 0.2915



Deuteranomaly

61.2440, 0.2645, 0.2807



Tritanomaly

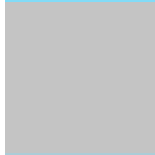
62.1265, 0.2457, 0.3030

Monochromacy



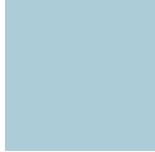
Original Color

62.1243, 0.2436, 0.2948



Achromatopsia

55.2011, 0.3127, 0.3290



Achromatomaly

56.8627, 0.2821, 0.3153

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1243, 0.2436, 0.2948 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(130, 219, 247)` looks like.

```
.text, #text, p{  
    color:rgb(130, 219, 247)  
}
```

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(130, 219, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 219, 247) }
```

Border

The CSS property to change the border of an element to Yxy 62.1243, 0.2436, 0.2948 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(130, 219, 247) }
```

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

```
.border{ border-color:rgb(130, 219, 247) }
```

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

Here you see how a box with a 4 pixel rgb(130, 219, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 219, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 219, 247);  
box-shadow:4px 4px 4px 4px rgb(130, 219,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1243, 0.2436, 0.2948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 219, 247) }
```

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

```
.background{ background-color: rgb(130,  
219, 247) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor