

Converting Colors

$Yxy(62.3170, 0.2481, 0.3150)$

Have a look what the booklet for
Yxy(62.3170, 0.2481, 0.3150)
contains.

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Color

Yxy(62.4108, 0.2481, 0.3150)

Conversions

Conversions Part 1

Format	Color
Hex	7CDEE9
RGB	124, 222, 233
RGB Percent	49%, 87%, 91%
CMY	0.5133, 0.1295, 0.0862
CMYK	0.47, 0.05, 0.00, 0.09
HSL	186°, 71%, 70%
HSV	186°, 47%, 91%
XYZ	49.1559, 62.4108, 86.5628
YIQ	193.9520, -61.9390, -17.3550

Conversions

Conversions Part 2

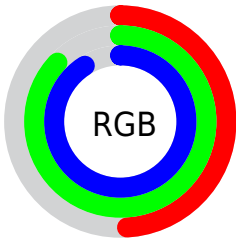
Format	Color
RYB	124, 176, 233
Decimal	8183529
CIELab	83.13, -25.95, -14.36
CIELCh	83, 29.656, 208.962
Yxy	62.4108, 0.2481, 0.3150
Android (android.graphics.Color)	4286373609 (0xFF7CDEE9)
YUV	193.9520, 19.2507, -61.3479
Hunter-Lab	79.0005, -27.1841, -9.6652

Details

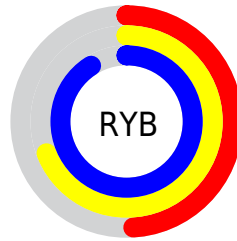
The Yxy color **62.4108, 0.2481, 0.3150** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **36.1569, 0.4344, 0.3419**, and the grayscale version is **53.8479, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.6851, 0.2711, 0.3289**, and **31.8685, 0.2330, 0.3119** is the 20% darker color. If you saturate the color by 10%, you get **59.6297, 0.2380, 0.3115**, and if you desaturate by 10%, it is **65.6246, 0.2599, 0.3183**.

Distribution



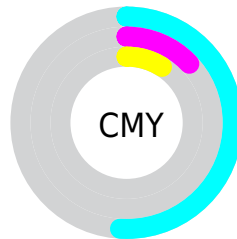
- Red (49%)
- Green (87%)
- Blue (91%)



- Red (49%)
- Yellow (69%)
- Blue (91%)



- Cyan (47%)
- Magenta (5%)
- Yellow (0%)
- Black (9%)




- Cyan (51%)
- Magenta (13%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.4108, 0.2481, 0.3150 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 62.4108, 0.2481, 0.3150 by changing the saturation by 10% instead.

 62.4108, 0.2481,
0.3150

 62.4108, 0.2481,
0.3150


433.4280, 0.2781,
0.3224

 45.3647, 0.2413,
0.3131


 108.3190, 0.2585,
0.3178

 31.7448, 0.2328,
0.3106


 137.9500, 0.2626,
0.3188

 21.1666, 0.2222,
0.3072


 172.5446, 0.2660,
0.3196

 13.2459, 0.2084,
0.3025

212.4875, 0.2691,
0.3203

 7.5981, 0.1898,
0.2955

258.1628, 0.2717,
0.3210

 3.8389, 0.1637,
0.2842

309.9551, 0.2741,

 1.5838, 0.1247,

0.3215

0.2640

368.2487, 0.2762,
0.3220

0.3467, 0.0000,
0.1935

0.0000, 0.0000,
0.0000

62.4108, 0.2481,
0.3150

62.4108, 0.2481,
0.3150

59.6297, 0.2380,
0.3115

65.6246, 0.2599,
0.3183

57.2447, 0.2297,
0.3080

69.2903, 0.2730,
0.3215

55.2248, 0.2234,
0.3045

73.4347, 0.2873,
0.3245

53.5312, 0.2190,
0.3010

78.0804, 0.3023,
0.3273

■ 52.1143, 0.2163,
0.2975

■ 83.2484, 0.3178,
0.3298

■ 51.6851, 0.2157,
0.2964

■ 87.2251, 0.3274,
0.3321

■ 88.5953, 0.3272,
0.3344

■ 89.9836, 0.3270,
0.3367

■ 91.3899, 0.3267,
0.3390

Harmonies

Analogous

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



62.4108, 0.2693, 0.3515



62.4108, 0.2481, 0.3150



62.4108, 0.2433, 0.2855

Triad

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



62.4108, 0.2481, 0.3150



62.4108, 0.3195, 0.2826



62.4108, 0.3714, 0.3893

Complementary

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



62.4108, 0.2481, 0.3150



36.1569, 0.4344, 0.3419

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.



62.4108, 0.3872, 0.3666



62.4108, 0.2481, 0.3150



62.4108, 0.3564, 0.3066

Square

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



62.4108, 0.2481, 0.3150



62.4108, 0.2826, 0.2693



62.4108, 0.3818, 0.3366



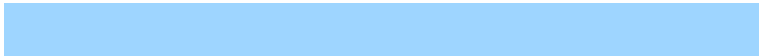
62.4108, 0.3401, 0.3965

Rectangle

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



62.4108, 0.2481, 0.3150



62.4108, 0.2496, 0.2733



62.4108, 0.3818, 0.3366



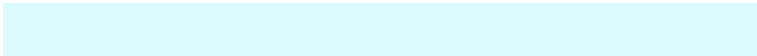
62.4108, 0.3788, 0.3830

Sweetspot

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



62.4132, 0.2481, 0.3150



91.5598, 0.2912, 0.3253



64.3343, 0.3004, 0.4618



19.3430, 0.2880, 0.3247



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.



62.4132, 0.2481, 0.3150



73.3089, 0.2384, 0.3117



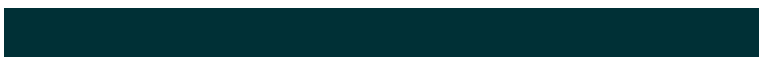
38.0654, 0.2347, 0.2416



16.8457, 0.2981, 0.3265



29.4264, 0.2158, 0.2969



2.3861, 0.2172, 0.3017

Inverse Universe

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



37.0453, 0.3284, 0.2253



39.2152, 0.3323, 0.2073



55.3795, 0.4031, 0.4019



15.2859, 0.3153, 0.3081



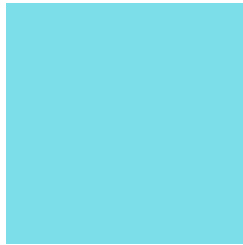
12.4634, 0.3482, 0.1692



0.9863, 0.3439, 0.1668

Previews

White Background



This preview shows how the Yxy color 62.4108, 0.2481, 0.3150 looks on a white background.

Color Contrast Check

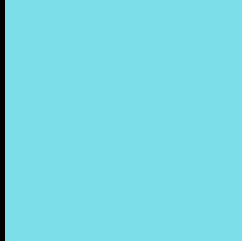
Large Text (above 18pt) WCAG AA × Fail

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 62.4108, 0.2481, 0.3150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

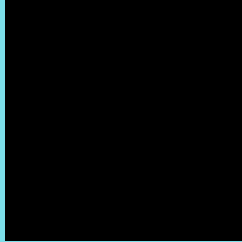
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.4108, 0.2481, 0.3150

Background



This preview shows how black text looks on a background with the Yxy color 62.4108, 0.2481, 0.3150.

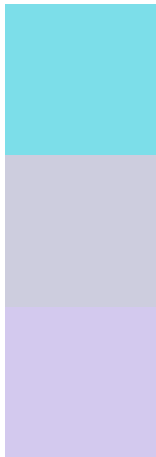


This preview shows how white text looks on a background with the Yxy color 62.4108, 0.2481, 0.3150.

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

62.4108, 0.2481, 0.3150

Protanopia

61.9157, 0.3010, 0.3096

Deuteranopia

61.7952, 0.2946, 0.2881



Tritanopia

62.3805, 0.2459, 0.3066

Trichromacy



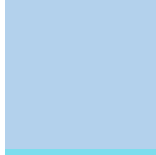
Original Color

62.4108, 0.2481, 0.3150



Protanomaly

61.3096, 0.2786, 0.3110



Deuteranomaly

61.2408, 0.2745, 0.2973



Tritanomaly

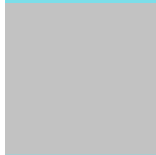
62.1873, 0.2464, 0.3089

Monochromacy



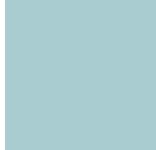
Original Color

62.4108, 0.2481, 0.3150



Achromatopsia

53.9479, 0.3127, 0.3290



Achromatomaly

56.1748, 0.2845, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.4108, 0.2481, 0.3150 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(124, 222, 233)` looks like.

```
.text, #text, p{  
    color:rgb(124, 222, 233)  
}
```

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(124, 222, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 222, 233) }
```

Border

The CSS property to change the border of an element to Yxy 62.4108, 0.2481, 0.3150 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(124, 222, 233) }
```

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

```
.border{ border-color:rgb(124, 222, 233) }
```

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

Here you see how a box with a 4 pixel rgb(124, 222, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 222, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 222, 233);  
box-shadow:4px 4px 4px 4px rgb(124, 222,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 62.4108, 0.2481, 0.3150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 222, 233) }
```

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

```
.background{ background-color: rgb(124,  
222, 233) }
```

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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