

Converting Colors

$Yxy(62.9984, 0.2772, 0.3066)$

Have a look what the booklet for
Yxy(62.9984, 0.2772, 0.3066)
contains.

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Color

Yxy(62.9984, 0.2772, 0.3066)

Conversions

Conversions Part 1

Format	Color
Hex	B3D5E8
RGB	179, 213, 232
RGB Percent	70%, 84%, 91%
CMY	0.2979, 0.1647, 0.0901
CMYK	0.23, 0.08, 0.00, 0.09
HSL	202°, 54%, 81%
HSV	202°, 23%, 91%
XYZ	56.9575, 62.9984, 85.5184
YIQ	205.0000, -26.3630, -1.2990

Conversions

Conversions Part 2

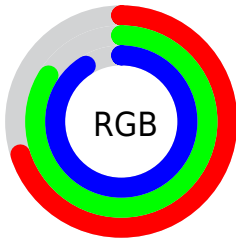
Format	Color
R _Y B	179, 200, 232
Decimal	11785704
CIE Lab	83.44, -7.09, -13.08
CIE LCh	83, 14.874, 241.551
Yxy	62.9984, 0.2772, 0.3066
Android (android.graphics.Color)	4289975784 (0xFFB3D5E8)
YUV	205.0000, 13.3110, -22.8020
Hunter-Lab	79.3715, -10.8076, -8.3216

Details

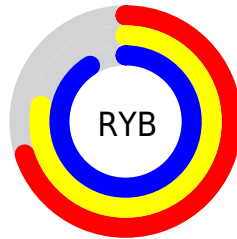
The Yxy color **62.9984, 0.2772, 0.3066** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **60.8308, 0.3550, 0.3504**, and the grayscale version is **60.9820, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4022, 0.3005, 0.3290**, and **31.9483, 0.2685, 0.3008** is the 20% darker color. If you saturate the color by 10%, you get **56.3803, 0.2618, 0.2952**, and if you desaturate by 10%, it is **70.3021, 0.2928, 0.3170**.

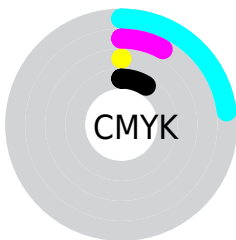
Distribution



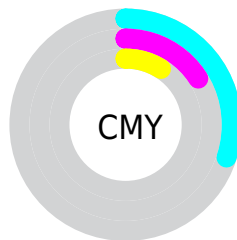
- Red (70%)
- Green (84%)
- Blue (91%)



- Red (70%)
- Yellow (78%)
- Blue (91%)



- Cyan (23%)
- Magenta (8%)
- Yellow (0%)
- Black (9%)



- Cyan (30%)
- Magenta (16%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.9984, 0.2772, 0.3066 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 62.9984, 0.2772, 0.3066 by changing the saturation by 10% instead.

■ 62.9984, 0.2772,
0.3066

■ 62.9984, 0.2772,
0.3066

435.5637, 0.2939,
0.3174

■ 45.8399, 0.2733,
0.3040

■ 109.1672, 0.2830,
0.3104

■ 32.1195, 0.2685,
0.3008

138.9463, 0.2853,
0.3119

■ 21.4528, 0.2624,
0.2967

173.7011, 0.2872,
0.3131

■ 13.4554, 0.2544,
0.2911

213.8159, 0.2889,
0.3142

■ 7.7429, 0.2433,
0.2833

259.6752, 0.2904,
0.3151

■ 3.9309, 0.2272,
0.2716

311.6633, 0.2917,

■ 1.6350, 0.2017,

0.3160

0.2522

370.1647, 0.2928,
0.3167

0.3810, 0.0971,
0.1957

0.0000, 0.0000,
0.0000

62.9984, 0.2772,
0.3066

62.9984, 0.2772,
0.3066

56.3803, 0.2618,
0.2952

70.3021, 0.2928,
0.3170

50.4137, 0.2469,
0.2829

78.3085, 0.3084,
0.3265

45.0726, 0.2330,
0.2699

87.0436, 0.3236,
0.3350

40.3258, 0.2204,
0.2563

93.1943, 0.3270,
0.3430

■ 36.1387, 0.2096,
0.2424

■ 98.3857, 0.3262,
0.3509

■ 32.4718, 0.2008,
0.2285

■ 98.6075, 0.3262,
0.3512

■ 29.2780, 0.1941,
0.2147

■ 27.2307, 0.1903,
0.2051

Harmonies

Analogous

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



62.9984, 0.2791, 0.3213



62.9984, 0.2772, 0.3066



62.9984, 0.2845, 0.2985

Triad

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



62.9984, 0.2772, 0.3066



62.9984, 0.3359, 0.3191



62.9984, 0.3254, 0.3617

Complementary

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



62.9984, 0.2772, 0.3066



60.8308, 0.3550, 0.3504

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.



62.9984, 0.3413, 0.3601



62.9984, 0.2772, 0.3066



62.9984, 0.3476, 0.3351

Square

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



62.9984, 0.2772, 0.3066



62.9984, 0.3181, 0.3058



62.9984, 0.3495, 0.3501



62.9984, 0.3065, 0.3539

Rectangle

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



62.9984, 0.2772, 0.3066



62.9984, 0.2937, 0.2975



62.9984, 0.3495, 0.3501



62.9984, 0.3313, 0.3622

Sweetspot

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



63.0010, 0.2772, 0.3066



92.7489, 0.3019, 0.3226



71.3716, 0.2986, 0.3700



19.7227, 0.3009, 0.3221



0.0000, 0.0000, 0.0000



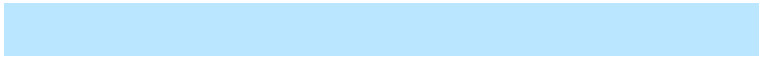
21.4041, 0.3127, 0.3290

Same Dimension

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



63.0010, 0.2772, 0.3066



74.4262, 0.2705, 0.3018



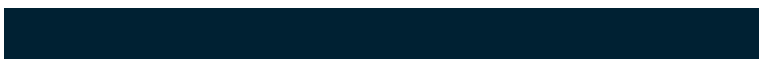
50.9469, 0.2747, 0.2748



15.4201, 0.2981, 0.3204



15.3607, 0.1909, 0.2073



1.3094, 0.1964, 0.2271

Inverse Universe

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



54.2161, 0.3306, 0.2918



62.1698, 0.3347, 0.2845



73.7671, 0.3489, 0.3779



14.5228, 0.3193, 0.3140



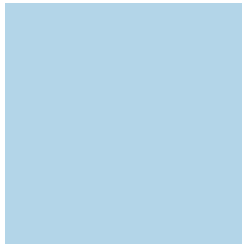
10.7484, 0.4371, 0.2182



0.8119, 0.4157, 0.2064

Previews

White Background



This preview shows how the Yxy color 62.9984, 0.2772, 0.3066 looks on a white background.

Color Contrast Check

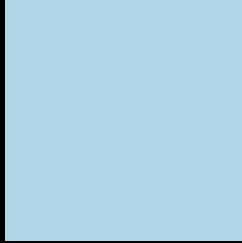
Large Text (above 18pt) WCAG AA × Fail

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 62.9984, 0.2772, 0.3066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

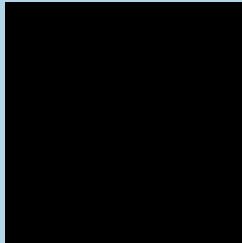
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

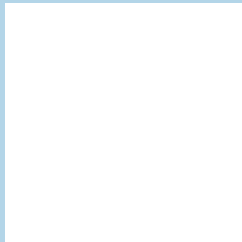
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.9984, 0.2772, 0.3066

Background



This preview shows how black text looks on a background with the Yxy color 62.9984, 0.2772, 0.3066.



This preview shows how white text looks on a background with the Yxy color 62.9984, 0.2772, 0.3066.

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

62.9984, 0.2772, 0.3066

Protanopia

62.7232, 0.2970, 0.3041

Deuteranopia

62.6286, 0.3002, 0.2938



Tritanopia

62.8854, 0.2784, 0.3089

Trichromacy



Original Color

62.9984, 0.2772, 0.3066

Protanomaly

62.9938, 0.2901, 0.3060

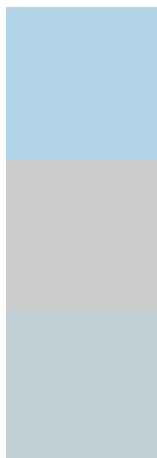
Deuteranomaly

62.5824, 0.2916, 0.2985

Tritanomaly

62.9417, 0.2778, 0.3078

Monochromacy



Original Color

62.9984, 0.2772, 0.3066

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.7538, 0.2991, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.9984, 0.2772, 0.3066 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(179, 213, 232)` looks like.

```
.text, #text, p{  
    color:rgb(179, 213, 232)  
}
```

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(179, 213, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 213, 232) }
```

Border

The CSS property to change the border of an element to Yxy 62.9984, 0.2772, 0.3066 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(179, 213, 232) }
```

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

```
.border{ border-color:rgb(179, 213, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 213, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 213, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 213, 232);  
box-shadow:4px 4px 4px 4px rgb(179, 213,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 62.9984, 0.2772, 0.3066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 213, 232) }
```

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

```
.background{ background-color: rgb(179,  
213, 232) }
```

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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