

Converting Colors

$Yxy(66.2070, 0.3101, 0.3531)$

Have a look what the booklet for
Yxy(66.2070, 0.3101, 0.3531)
contains.

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Color

Yxy(66.4760, 0.3101, 0.3537)

Conversions

Conversions Part 1

Format	Color
Hex	C4DBC6
RGB	196, 219, 198
RGB Percent	77%, 86%, 78%
CMY	0.2315, 0.1411, 0.2235
CMYK	0.11, 0.00, 0.10, 0.14
HSL	125°, 24%, 81%
HSV	125°, 11%, 86%
XYZ	58.2816, 66.4760, 63.1870
YIQ	209.7290, -6.9670, -11.4070

Conversions

Conversions Part 2

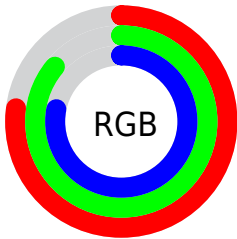
Format	Color
R _{YB}	196, 217, 219
Decimal	12901318
CIE Lab	85.24, -11.59, 7.73
CIE LCh	85, 13.930, 146.306
Yxy	66.4760, 0.3101, 0.3537
Android (android.graphics.Color)	4291091398 (0xFFC4DBC6)
YUV	209.7290, -5.7824, -12.0403
Hunter-Lab	81.5328, -15.0863, 11.1239

Details

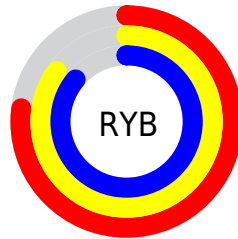
The Yxy color **66.4760, 0.3101, 0.3537** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.5322, 0.3154, 0.3055**, and the grayscale version is **64.3013, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6226, 0.3115, 0.3290**, and **34.3153, 0.3094, 0.3603** is the 20% darker color. If you saturate the color by 10%, you get **62.8926, 0.3075, 0.3804**, and if you desaturate by 10%, it is **70.6151, 0.3126, 0.3302**.

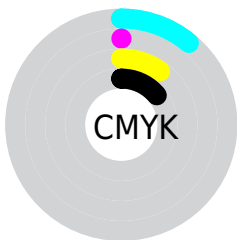
Distribution



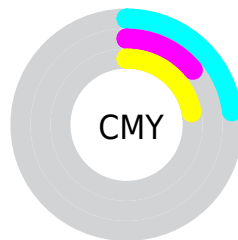
- Red (77%)
- Green (86%)
- Blue (78%)



- Red (77%)
- Yellow (85%)
- Blue (86%)



- Cyan (11%)
- Magenta (0%)
- Yellow (10%)
- Black (14%)



- Cyan (23%)
- Magenta (14%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.4760, 0.3101, 0.3537 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 66.4760, 0.3101, 0.3537 by changing the saturation by 10% instead.

■ 66.4760, 0.3101,
0.3537

■ 66.4760, 0.3101,
0.3537

448.0773, 0.3114,
0.3419

■ 48.6589, 0.3098,
0.3565

114.1693, 0.3106,
0.3495

■ 34.3490, 0.3093,
0.3600

144.8142, 0.3108,
0.3479

■ 23.1618, 0.3088,
0.3646

180.5039, 0.3109,
0.3465

■ 14.7130, 0.3079,
0.3707

221.6227, 0.3111,
0.3454

■ 8.6182, 0.3067,
0.3794

268.5551, 0.3112,
0.3443

■ 4.4930, 0.3048,
0.3926

321.6854, 0.3113,

■ 1.9530, 0.3011,

0.3434

0.4150

381.3980, 0.3114,
0.3426

■ 0.5799, 0.2856,
0.6173

■ 0.0000, 0.0000,
0.0000

■ 66.4760, 0.3101,
0.3537

■ 66.4760, 0.3101,
0.3537

■ 62.8926, 0.3075,
0.3804

■ 70.6151, 0.3126,
0.3302

■ 59.8332, 0.3049,
0.4101

■ 75.3233, 0.3149,
0.3096

■ 57.2758, 0.3024,
0.4422

■ 79.1511, 0.3144,
0.2940

■ 55.1935, 0.3003,
0.4756

■ 53.5568, 0.2985,
0.5087

■ 52.3333, 0.2975,
0.5393

■ 51.4856, 0.2973,
0.5650

■ 50.9699, 0.2978,
0.5839

■ 50.7196, 0.2986,
0.5949

Harmonies

Analogous

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



66.4760, 0.3273, 0.3594



66.4760, 0.3101, 0.3537



66.4760, 0.2939, 0.3408

Triad

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



66.4760, 0.3101, 0.3537



66.4760, 0.2850, 0.3017



66.4760, 0.3435, 0.3320

Complementary

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



66.4760, 0.3101, 0.3537



59.5322, 0.3154, 0.3055

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.



66.4760, 0.3315, 0.3175



66.4760, 0.3101, 0.3537



66.4760, 0.2976, 0.3002

Square

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



66.4760, 0.3101, 0.3537



66.4760, 0.2797, 0.3104



66.4760, 0.3146, 0.3060



66.4760, 0.3469, 0.3463

Rectangle

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



66.4760, 0.3101, 0.3537



66.4760, 0.2858, 0.3301



66.4760, 0.3146, 0.3060



66.4760, 0.3403, 0.3270

Sweetspot

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



66.4788, 0.3101, 0.3537



98.1369, 0.3120, 0.3357



69.4209, 0.3269, 0.3549



20.9014, 0.3118, 0.3376



0.0000, 0.0000, 0.0000



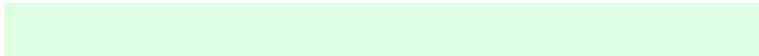
21.4041, 0.3127, 0.3290

Same Dimension

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



66.4788, 0.3101, 0.3537



92.4507, 0.3094, 0.3603



67.0252, 0.3027, 0.3401



14.6249, 0.3104, 0.3510



30.0764, 0.2982, 0.5937



1.9551, 0.2934, 0.5763

Inverse Universe

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



59.5322, 0.3154, 0.3055



80.4550, 0.3161, 0.2996



58.9591, 0.3239, 0.3181



13.2539, 0.3151, 0.3080



11.3993, 0.3444, 0.1671



0.7445, 0.3402, 0.1648

Previews

White Background



This preview shows how the Yxy color 66.4760, 0.3101, 0.3537 looks on a white background.

Color Contrast Check

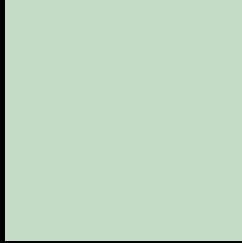
Large Text (above 18pt) WCAG AA × Fail

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 66.4760, 0.3101, 0.3537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

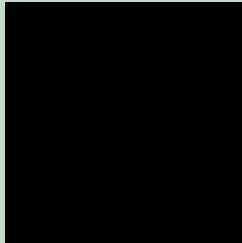
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

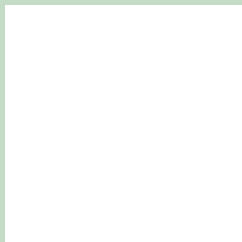
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.4760, 0.3101, 0.3537

Background



This preview shows how black text looks on a background with the Yxy color 66.4760, 0.3101, 0.3537.

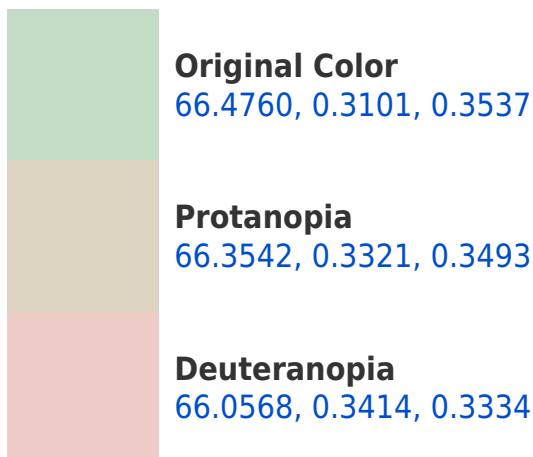


This preview shows how white text looks on a background with the Yxy color 66.4760, 0.3101, 0.3537.

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

66.2802, 0.2924, 0.3098

Trichromacy



Original Color

66.4760, 0.3101, 0.3537

Protanomaly

66.5381, 0.3242, 0.3519

Deuteranomaly

65.9513, 0.3296, 0.3402

Tritanomaly

66.3683, 0.2987, 0.3255

Monochromacy



Original Color

66.4760, 0.3101, 0.3537

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

65.0239, 0.3116, 0.3371

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.4760, 0.3101, 0.3537 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(196, 219, 198)` looks like.

```
.text, #text, p{  
    color:rgb(196, 219, 198)  
}
```

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(196, 219, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 219, 198) }
```

Border

The CSS property to change the border of an element to Yxy 66.4760, 0.3101, 0.3537 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(196, 219, 198) }
```

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

```
.border{ border-color:rgb(196, 219, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 219, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 219, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 219, 198); box-shadow:4px 4px 4px 4px rgb(196, 219, 198) }
```


Background

The CSS property to change the background color of an element to Yxy 66.4760, 0.3101, 0.3537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 219, 198) }
```

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

```
.background{ background-color: rgb(196,  
219, 198) }
```

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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