

Converting Colors

Yxy(62.4736, 0.3184, 0.3677)

Have a look what the booklet for
Yxy(62.4736, 0.3184, 0.3677)
contains.

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Color

Yxy(62.6770, 0.3182, 0.3678)

Conversions

Conversions Part 1

Format	Color
Hex	C0D6B6
RGB	192, 214, 182
RGB Percent	75%, 84%, 71%
CMY	0.2472, 0.1607, 0.2862
CMYK	0.10, 0.00, 0.15, 0.16
HSL	101°, 28%, 78%
HSV	101°, 15%, 84%
XYZ	54.2246, 62.6770, 53.5089
YIQ	203.7740, -2.8400, -14.6160

Conversions

Conversions Part 2

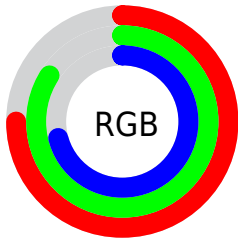
Format	Color
RYB	182, 214, 204
Decimal	12637878
CIELab	83.27, -13.21, 13.33
CIElCh	83, 18.766, 134.736
Yxy	62.6770, 0.3182, 0.3678
Android (android.graphics.Color)	4290827958 (0xFFC0D6B6)
YUV	203.7740, -10.7346, -10.3258
Hunter-Lab	79.1688, -16.2864, 15.3450

Details

The Yxy color **62.6770, 0.3182, 0.3678** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.1686, 0.3063, 0.2913**, and the grayscale version is **60.3033, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8328, 0.3188, 0.3456**, and **31.7845, 0.3191, 0.3779** is the 20% darker color. If you saturate the color by 10%, you get **60.0320, 0.3216, 0.3970**, and if you desaturate by 10%, it is **65.6555, 0.3146, 0.3412**.

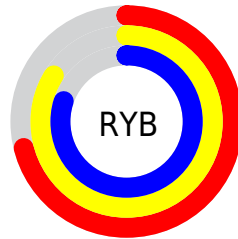
Distribution



Red (75%)

Green (84%)

Blue (71%)



Red (71%)

Yellow (84%)

Blue (80%)

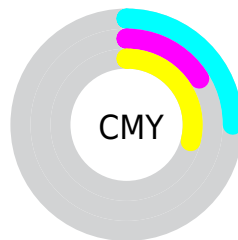


Cyan (10%)

Magenta (0%)

Yellow (15%)

Black (16%)



Cyan (25%)


Magenta (16%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.6770, 0.3182, 0.3678 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 62.6770, 0.3182, 0.3678 by changing the saturation by 10% instead.


 62.6770, 0.3182,
0.3678

 62.6770, 0.3182,
0.3678

434.3963, 0.3158,
0.3489

 45.5800, 0.3187,
0.3724

 108.7034, 0.3174,
0.3611

 31.9145, 0.3193,
0.3781


138.4015, 0.3171,
0.3585

 21.2962, 0.3200,
0.3856


173.0688, 0.3168,
0.3563

 13.3407, 0.3208,
0.3958

213.0896, 0.3166,
0.3544

 7.6636, 0.3218,
0.4104

258.8484, 0.3163,
0.3528

 3.8804, 0.3226,
0.4331

310.7295, 0.3161,

 1.6069, 0.3252,

0.3514

0.4767

369.1173, 0.3160,
0.3501

0.3622, 0.0570,
0.9430

0.0000, 0.0000,
0.0000

62.6770, 0.3182,
0.3678

62.6770, 0.3182,
0.3678

60.0320, 0.3216,
0.3970

65.6555, 0.3146,
0.3412

57.7007, 0.3244,
0.4281

68.9706, 0.3108,
0.3172

55.6732, 0.3265,
0.4605

72.6355, 0.3071,
0.2959

53.9361, 0.3275,
0.4927

75.8199, 0.3117,
0.2887

■ 52.4750, 0.3271,
0.5229

■ 76.5785, 0.3146,
0.2891

■ 51.2740, 0.3251,
0.5491

■ 50.3152, 0.3217,
0.5697

■ 49.5780, 0.3170,
0.5835

■ 49.2758, 0.3145,
0.5885

Harmonies

Analogous

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



62.6770, 0.3408, 0.3708



62.6770, 0.3182, 0.3678



62.6770, 0.2948, 0.3531

Triad

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



62.6770, 0.3182, 0.3678



62.6770, 0.2708, 0.2950



62.6770, 0.3499, 0.3250

Complementary

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



62.6770, 0.3182, 0.3678



51.1686, 0.3063, 0.2913

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.



62.6770, 0.3299, 0.3065



62.6770, 0.3182, 0.3678



62.6770, 0.2843, 0.2894

Square

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



62.6770, 0.3182, 0.3678



62.6770, 0.2680, 0.3101



62.6770, 0.3058, 0.2937



62.6770, 0.3596, 0.3451

Rectangle

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



62.6770, 0.3182, 0.3678



62.6770, 0.2818, 0.3390



62.6770, 0.3058, 0.2937



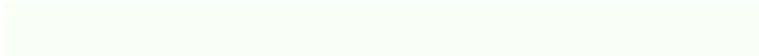
62.6770, 0.3441, 0.3185

Sweetspot

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



62.6797, 0.3182, 0.3678



98.0516, 0.3142, 0.3389



60.8059, 0.3367, 0.3545



20.9106, 0.3145, 0.3408



0.0000, 0.0000, 0.0000



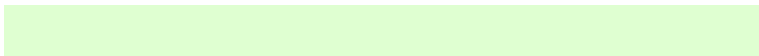
21.4041, 0.3127, 0.3290

Same Dimension

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



62.6797, 0.3182, 0.3678



91.8755, 0.3193, 0.3770



61.6728, 0.3070, 0.3612



14.0814, 0.3162, 0.3528



29.8294, 0.3154, 0.5877



1.8426, 0.3288, 0.5771

Inverse Universe

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



51.1686, 0.3063, 0.2913



71.5230, 0.3047, 0.2828



52.3255, 0.3190, 0.2988



12.4300, 0.3089, 0.3057



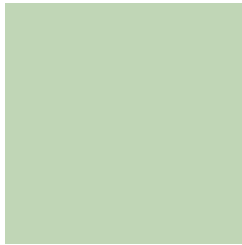
6.7670, 0.2441, 0.1118



0.4511, 0.2577, 0.1193

Previews

White Background



This preview shows how the Yxy color 62.6770, 0.3182, 0.3678 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 62.6770, 0.3182, 0.3678 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

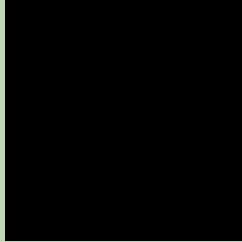
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

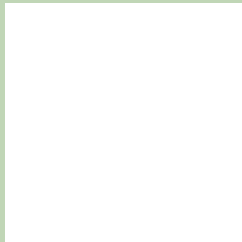
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.6770, 0.3182, 0.3678

Background



This preview shows how black text looks on a background with the Yxy color 62.6770, 0.3182, 0.3678.



This preview shows how white text looks on a background with the Yxy color 62.6770, 0.3182, 0.3678.

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

62.6770, 0.3182, 0.3678

Protanopia

62.5917, 0.3415, 0.3625

Deuteranopia

62.4735, 0.3523, 0.3456



Tritanopia

62.6901, 0.2947, 0.3095

Trichromacy



Original Color

62.6770, 0.3182, 0.3678

Protanomaly

62.7578, 0.3331, 0.3655

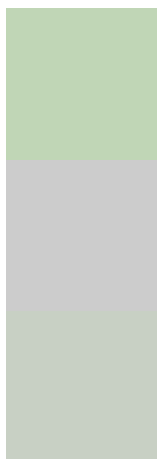
Deuteranomaly

62.1834, 0.3390, 0.3531

Tritanomaly

62.4324, 0.3031, 0.3301

Monochromacy



Original Color

62.6770, 0.3182, 0.3678

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

61.3766, 0.3151, 0.3432

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.6770, 0.3182, 0.3678 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(192, 214, 182)` looks like.

```
.text, #text, p{  
    color:rgb(192, 214, 182)  
}
```

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(192, 214, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 214, 182) }
```

Border

The CSS property to change the border of an element to Yxy 62.6770, 0.3182, 0.3678 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(192, 214, 182) }
```

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

```
.border{ border-color:rgb(192, 214, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 214, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 214, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 214, 182); box-shadow:4px 4px 4px 4px rgb(192, 214, 182) }
```


Background

The CSS property to change the background color of an element to Yxy 62.6770, 0.3182, 0.3678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 214, 182) }
```

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

```
.background{ background-color: rgb(192,  
214, 182) }
```

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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