

Converting Colors

Yxy(61.8317, 0.3242, 0.3684)

Have a look what the booklet for
Yxy(61.8317, 0.3242, 0.3684)
contains.

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Color

Yxy(61.7135, 0.3244, 0.3676)

Conversions

Conversions Part 1

Format	Color
Hex	C5D3B3
RGB	197, 211, 179
RGB Percent	77%, 83%, 70%
CMY	0.2274, 0.1725, 0.2979
CMYK	0.07, 0.00, 0.15, 0.17
HSL	86°, 27%, 76%
HSV	86°, 15%, 83%
XYZ	54.4610, 61.7135, 51.7077
YIQ	203.1660, 1.9280, -12.9200

Conversions

Conversions Part 2

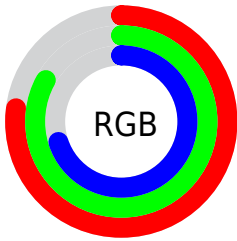
Format	Color
RYB	179, 211, 193
Decimal	12964787
CIELab	82.76, -10.40, 14.24
CIELCh	83, 17.635, 126.148
Yxy	61.7135, 0.3244, 0.3676
Android (android.graphics.Color)	4291154867 (0xFFC5D3B3)
YUV	203.1660, -11.9138, -5.4076
Hunter-Lab	78.5579, -13.7297, 15.9652

Details

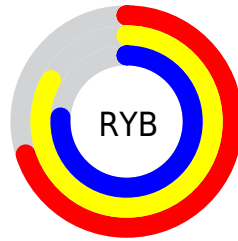
The Yxy color **61.7135, 0.3244, 0.3676** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **48.2993, 0.2996, 0.2901**, and the grayscale version is **59.9095, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5890, 0.3238, 0.3484**, and **31.1229, 0.3273, 0.3776** is the 20% darker color. If you saturate the color by 10%, you get **59.7174, 0.3319, 0.3953**, and if you desaturate by 10%, it is **63.9220, 0.3167, 0.3416**.

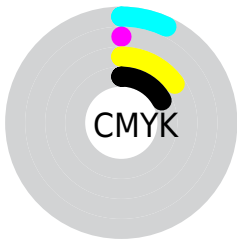
Distribution



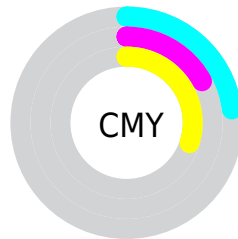
- Red (77%)
- Green (83%)
- Blue (70%)



- Red (70%)
- Yellow (83%)
- Blue (76%)



- Cyan (7%)
- Magenta (0%)
- Yellow (15%)
- Black (17%)





- Cyan (23%)
- Magenta (17%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.7135, 0.3244, 0.3676 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 61.7135, 0.3244, 0.3676 by changing the saturation by 10% instead.

 61.7135, 0.3244,
0.3676

 61.7135, 0.3244,
0.3676


430.8853, 0.3190,
0.3489

 44.8012, 0.3256,
0.3721


 107.3114, 0.3225,
0.3609

 31.3009, 0.3271,
0.3778


136.7657, 0.3218,
0.3584

 20.8281, 0.3290,
0.3853


171.1696, 0.3212,
0.3562

 12.9984, 0.3314,
0.3954

210.9074, 0.3206,
0.3543

 7.4274, 0.3345,
0.4098

256.3634, 0.3202,
0.3527

 3.7308, 0.3387,
0.4321

307.9222, 0.3197,

 1.5242, 0.3502,

0.3513

0.4792

365.9680, 0.3194,
0.3500

0.3056, 0.1068,
0.8932

0.0000, 0.0000,
0.0000

61.7135, 0.3244,
0.3676

61.7135, 0.3244,
0.3676

59.7174, 0.3319,
0.3953

63.9220, 0.3167,
0.3416

57.9184, 0.3389,
0.4242


66.3418, 0.3090,
0.3176

56.3114, 0.3450,
0.4533


68.9821, 0.3016,
0.2958

54.8881, 0.3497,
0.4816


71.2936, 0.2999,
0.2841

 53.6393, 0.3525,
0.5076

 72.8976, 0.3064,
0.2850


 52.5548, 0.3530,
0.5300

 74.5844, 0.3129,
0.2858

 51.6231, 0.3513,
0.5476

 75.0687, 0.3147,
0.2861

 50.8304, 0.3473,
0.5598

 50.4846, 0.3449,
0.5644

Harmonies

Analogous

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



61.7135, 0.3443, 0.3671



61.7135, 0.3244, 0.3676



61.7135, 0.3019, 0.3566

Triad

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



61.7135, 0.3244, 0.3676



61.7135, 0.2712, 0.3001



61.7135, 0.3432, 0.3199

Complementary

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



61.7135, 0.3244, 0.3676



48.2993, 0.2996, 0.2901

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.



61.7135, 0.3226, 0.3036



61.7135, 0.3244, 0.3676



61.7135, 0.2813, 0.2920

Square

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



61.7135, 0.3244, 0.3676



61.7135, 0.2717, 0.3165



61.7135, 0.2999, 0.2935



61.7135, 0.3556, 0.3389

Rectangle

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



61.7135, 0.3244, 0.3676



61.7135, 0.2884, 0.3444



61.7135, 0.2999, 0.2935



61.7135, 0.3370, 0.3140

Sweetspot

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



61.7162, 0.3244, 0.3676



98.1626, 0.3166, 0.3414



55.1953, 0.3384, 0.3456



20.9570, 0.3172, 0.3432



0.0000, 0.0000, 0.0000



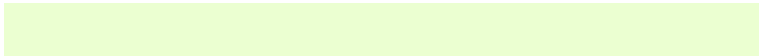
21.4041, 0.3127, 0.3290

Same Dimension

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



61.7162, 0.3244, 0.3676



93.7746, 0.3267, 0.3759



59.6888, 0.3124, 0.3690



13.5294, 0.3200, 0.3524



30.5289, 0.3459, 0.5636



1.7535, 0.3590, 0.5532

Inverse Universe

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



48.2993, 0.2996, 0.2901



69.5599, 0.2966, 0.2816



50.4942, 0.3127, 0.2916



11.6672, 0.3049, 0.3055



4.2814, 0.1915, 0.0829



0.2860, 0.2124, 0.0944

Previews

White Background



This preview shows how the Yxy color 61.7135, 0.3244, 0.3676 looks on a white background.

Color Contrast Check

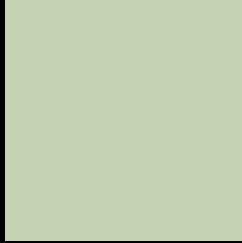
Large Text (above 18pt) WCAG AA × Fail

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 61.7135, 0.3244, 0.3676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

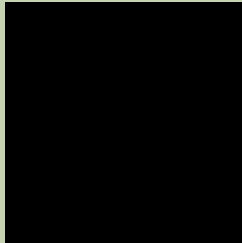
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

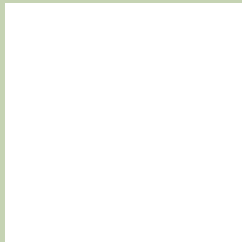
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.7135, 0.3244, 0.3676

Background



This preview shows how black text looks on a background with the Yxy color 61.7135, 0.3244, 0.3676.



This preview shows how white text looks on a background with the Yxy color 61.7135, 0.3244, 0.3676.

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

61.7135, 0.3244, 0.3676

Protanopia

61.3962, 0.3426, 0.3628

Deuteranopia

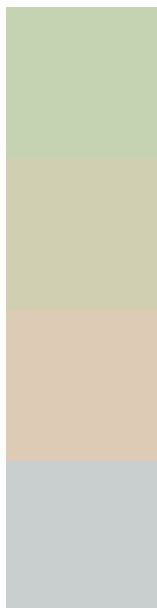
61.2580, 0.3543, 0.3469



Tritanopia

61.5796, 0.3002, 0.3106

Trichromacy



Original Color

61.7135, 0.3244, 0.3676

Protanomaly

61.3553, 0.3359, 0.3644

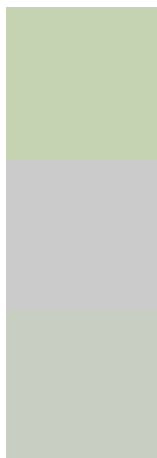
Deuteranomaly

61.4202, 0.3433, 0.3543

Tritanomaly

61.4994, 0.3089, 0.3302

Monochromacy



Original Color

61.7135, 0.3244, 0.3676

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.4552, 0.3174, 0.3433

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.7135, 0.3244, 0.3676 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(197, 211, 179)` looks like.

```
.text, #text, p{  
    color:rgb(197, 211, 179)  
}
```

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(197, 211, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 211, 179) }
```

Border

The CSS property to change the border of an element to Yxy 61.7135, 0.3244, 0.3676 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(197, 211, 179) }
```

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

```
.border{ border-color:rgb(197, 211, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 211, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 211, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 211, 179);  
box-shadow:4px 4px 4px 4px rgb(197, 211,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 61.7135, 0.3244, 0.3676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 211, 179) }
```

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

```
.background{ background-color: rgb(197,  
211, 179) }
```

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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