

Converting Colors

$Yxy(61.8196, 0.3288, 0.3774)$

Have a look what the booklet for
Yxy(61.8196, 0.3288, 0.3774)
contains.

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Color

Yxy(61.8013, 0.3284, 0.3776)

Conversions

Conversions Part 1

Format	Color
Hex	C4D4AC
RGB	196, 212, 172
RGB Percent	77%, 83%, 67%
CMY	0.2315, 0.1686, 0.3255
CMYK	0.08, 0.00, 0.19, 0.17
HSL	84°, 32%, 75%
HSV	84°, 19%, 83%
XYZ	53.7488, 61.8013, 48.1186
YIQ	202.6560, 3.3040, -15.8320

Conversions

Conversions Part 2

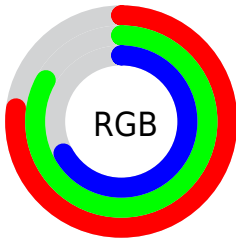
Format	Color
RYB	172, 212, 188
Decimal	12899500
CIELab	82.81, -12.42, 18.02
CIELCh	83, 21.885, 124.584
Yxy	61.8013, 0.3284, 0.3776
Android (android.graphics.Color)	4291089580 (0xFFC4D4AC)
YUV	202.6560, -15.1134, -5.8373
Hunter-Lab	78.6138, -15.5325, 18.7389

Details

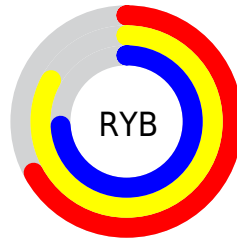
The Yxy color **61.8013, 0.3284, 0.3776** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **44.9491, 0.2946, 0.2795**, and the grayscale version is **59.5874, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9487, 0.3279, 0.3563**, and **31.2208, 0.3316, 0.3892** is the 20% darker color. If you saturate the color by 10%, you get **59.9463, 0.3364, 0.4056**, and if you desaturate by 10%, it is **63.8561, 0.3201, 0.3511**.

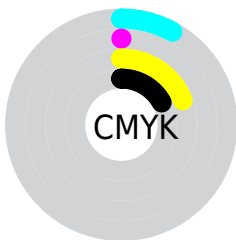
Distribution



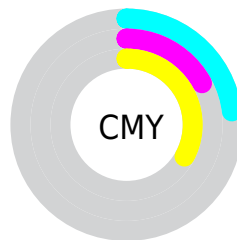
- Red (77%)
- Green (83%)
- Blue (67%)



- Red (67%)
- Yellow (83%)
- Blue (74%)



- Cyan (8%)
- Magenta (0%)
- Yellow (19%)
- Black (17%)



- Cyan (23%)
- Magenta (17%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.8013, 0.3284, 0.3776 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 61.8013, 0.3284, 0.3776 by changing the saturation by 10% instead.

■ 61.8013, 0.3284,
0.3776

■ 61.8013, 0.3284,
0.3776

431.2059, 0.3212,
0.3539

■ 44.8722, 0.3300,
0.3833

■ 107.4383, 0.3259,
0.3691

■ 31.3567, 0.3319,
0.3905

136.9150, 0.3250,
0.3659

■ 20.8707, 0.3344,
0.4000

171.3429, 0.3241,
0.3632

■ 13.0295, 0.3374,
0.4127

211.1066, 0.3234,
0.3608

■ 7.4489, 0.3413,
0.4310

256.5903, 0.3228,
0.3588

■ 3.7444, 0.3461,
0.4590

308.1785, 0.3222,

■ 1.5316, 0.3688,

0.3570

366.2556, 0.3217,
0.3554

0.5324

0.3108, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

61.8013, 0.3284,
0.3776

61.8013, 0.3284,
0.3776

59.9463, 0.3364,
0.4056

63.8561, 0.3201,
0.3511

58.2760, 0.3438,
0.4342

66.1095, 0.3118,
0.3263

56.7851, 0.3500,
0.4627

68.5705, 0.3037,
0.3036

55.4654, 0.3546,
0.4896

71.1292, 0.2971,
0.2848

■ 54.3076, 0.3572,
0.5137

■ 72.5688, 0.3030,
0.2856

■ 53.3013, 0.3574,
0.5337

■ 74.0779, 0.3090,
0.2863

■ 52.4346, 0.3552,
0.5488

■ 75.5735, 0.3147,
0.2871

■ 51.6889, 0.3510,
0.5589

■ 51.6102, 0.3505,
0.5599

Harmonies

Analogous

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



61.8013, 0.3529, 0.3759



61.8013, 0.3284, 0.3776



61.8013, 0.3005, 0.3646

Triad

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



61.8013, 0.3284, 0.3776



61.8013, 0.2613, 0.2939



61.8013, 0.3494, 0.3165

Complementary

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



61.8013, 0.3284, 0.3776



44.9491, 0.2946, 0.2795

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.



61.8013, 0.3233, 0.2969



61.8013, 0.3284, 0.3776



61.8013, 0.2730, 0.2837

Square

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



61.8013, 0.3284, 0.3776



61.8013, 0.2626, 0.3145



61.8013, 0.2953, 0.2850



61.8013, 0.3656, 0.3397

Rectangle

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



61.8013, 0.3284, 0.3776



61.8013, 0.2837, 0.3495



61.8013, 0.2953, 0.2850



61.8013, 0.3415, 0.3093

Sweetspot

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



61.8040, 0.3284, 0.3776



97.9092, 0.3177, 0.3439



52.9426, 0.3459, 0.3483



20.9094, 0.3183, 0.3456



0.0000, 0.0000, 0.0000



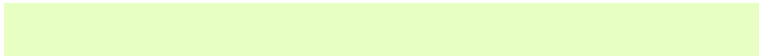
21.4041, 0.3127, 0.3290

Same Dimension

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



61.8040, 0.3284, 0.3776



92.5936, 0.3320, 0.3897



59.3005, 0.3132, 0.3799



14.2602, 0.3205, 0.3525



31.9169, 0.3514, 0.5592



1.9727, 0.3630, 0.5500

Inverse Universe

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



44.9491, 0.2946, 0.2795



62.0503, 0.2897, 0.2670



47.6659, 0.3115, 0.2820



12.2491, 0.3043, 0.3053



4.1800, 0.1851, 0.0794



0.2996, 0.2048, 0.0902

Previews

White Background



This preview shows how the Yxy color 61.8013, 0.3284, 0.3776 looks on a white background.

Color Contrast Check

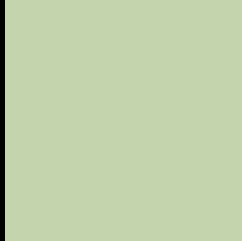
Large Text (above 18pt) WCAG AA × Fail

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 61.8013, 0.3284, 0.3776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

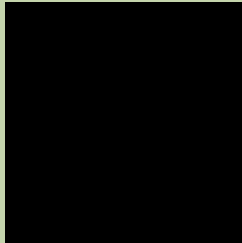
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

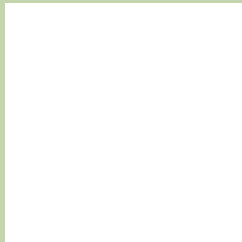
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.8013, 0.3284, 0.3776

Background



This preview shows how black text looks on a background with the Yxy color 61.8013, 0.3284, 0.3776.



This preview shows how white text looks on a background with the Yxy color 61.8013, 0.3284, 0.3776.

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

61.8013, 0.3284, 0.3776

Protanopia

61.4326, 0.3495, 0.3708

Deuteranopia

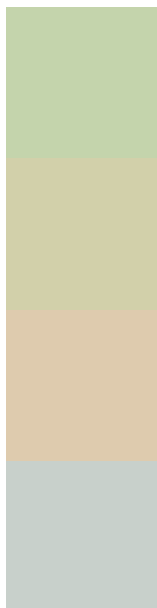
61.4878, 0.3624, 0.3545



Tritanopia

61.5796, 0.3002, 0.3106

Trichromacy



Original Color

61.8013, 0.3284, 0.3776

Protanomaly

61.7157, 0.3416, 0.3739

Deuteranomaly

61.2975, 0.3495, 0.3623

Tritanomaly

61.7029, 0.3102, 0.3349

Monochromacy



Original Color

61.8013, 0.3284, 0.3776

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.2277, 0.3180, 0.3457

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.8013, 0.3284, 0.3776 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, 212, 172)` looks like.

```
.text, #text, p{  
    color:rgb(196, 212, 172)  
}
```

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, 212, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 212, 172) }
```

Border

The CSS property to change the border of an element to Yxy 61.8013, 0.3284, 0.3776 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, 212, 172) }
```

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

```
.border{ border-color:rgb(196, 212, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 212, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 212, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 212, 172);  
box-shadow:4px 4px 4px 4px rgb(196, 212,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 61.8013, 0.3284, 0.3776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 212, 172) }
```

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

```
.background{ background-color: rgb(196,  
212, 172) }
```

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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