

Converting Colors

Yxy(62.0013, 0.3400, 0.3620)

Have a look what the booklet for
Yxy(62.0013, 0.3400, 0.3620)
contains.

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Color

Yxy(61.8040, 0.3401, 0.3616)

Conversions

Conversions Part 1

Format	Color
Hex	D7CEB2
RGB	215, 206, 178
RGB Percent	84%, 81%, 70%
CMY	0.1569, 0.1921, 0.3020
CMYK	0.00, 0.04, 0.17, 0.16
HSL	45°, 32%, 77%
HSV	45°, 17%, 84%
XYZ	58.1293, 61.8040, 50.9849
YIQ	205.4990, 14.3520, -6.8000

Conversions

Conversions Part 2

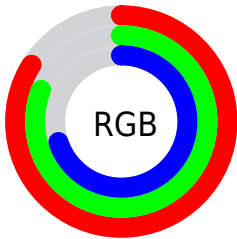
Format	Color
RYB	190, 215, 178
Decimal	14143154
CIELab	82.81, -1.49, 15.05
CIElCh	83, 15.127, 95.645
Yxy	61.8040, 0.3401, 0.3616
Android (android.graphics.Color)	4292333234 (0xFFD7CEB2)
YUV	205.4990, -13.5570, 8.3324
Hunter-Lab	78.6155, -5.5921, 16.5793

Details

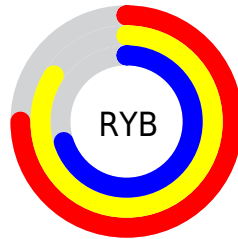
The Yxy color **61.8040, 0.3401, 0.3616** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.9045, 0.2852, 0.2941**, and the grayscale version is **61.4667, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7205, 0.3250, 0.3493**, and **31.4107, 0.3472, 0.3706** is the 20% darker color. If you saturate the color by 10%, you get **58.5375, 0.3576, 0.3813**, and if you desaturate by 10%, it is **65.2949, 0.3237, 0.3424**.

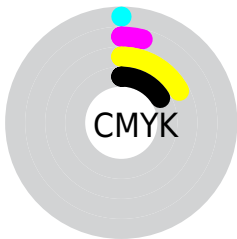
Distribution



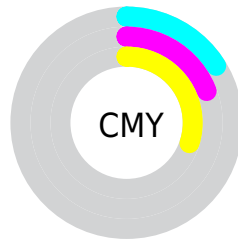
- Red (84%)
- Green (81%)
- Blue (70%)



- Red (75%)
- Yellow (84%)
- Blue (70%)



- Cyan (0%)
- Magenta (4%)
- Yellow (17%)
- Black (16%)





- Cyan (16%)
- Magenta (19%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.8040, 0.3401, 0.3616 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 61.8040, 0.3401, 0.3616 by changing the saturation by 10% instead.


 61.8040, 0.3401,
0.3616

 61.8040, 0.3401,
0.3616

431.2158, 0.3271,
0.3460

 44.8743, 0.3432,
0.3653


 107.4422, 0.3355,
0.3561

 31.3585, 0.3470,
0.3699


136.9195, 0.3338,
0.3540

 20.8720, 0.3518,
0.3758


171.3482, 0.3323,
0.3522

 13.0304, 0.3583,
0.3837

211.1127, 0.3309,
0.3506

 7.4495, 0.3673,
0.3948

256.5973, 0.3298,
0.3493

 3.7448, 0.3804,
0.4111

308.1864, 0.3288,

 1.5318, 0.4097,

0.3481

0.4469

366.2644, 0.3279,
0.3470

0.3110, 0.4546,
0.5454

0.0000, 0.0000,
0.0000

61.8040, 0.3401,
0.3616

61.8040, 0.3401,
0.3616

58.5375, 0.3576,
0.3813

65.2949, 0.3237,
0.3424

55.4799, 0.3760,
0.4008

69.0085, 0.3086,
0.3240

52.6266, 0.3947,
0.4194

72.9540, 0.2949,
0.3067

49.9692, 0.4131,
0.4361

76.5441, 0.2876,
0.2995

■ 47.4987, 0.4304,
0.4498

■ 79.4416, 0.2879,
0.3051

■ 45.2049, 0.4457,
0.4595

■ 82.4264, 0.2881,
0.3106

■ 43.0762, 0.4584,
0.4646

■ 85.4993, 0.2883,
0.3161

■ 41.0971, 0.4681,
0.4649

■ 88.6610, 0.2885,
0.3215

■ 40.5637, 0.4705,
0.4646

■ 91.9122, 0.2888,
0.3269

Harmonies

Analogous

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



61.8040, 0.3498, 0.3523



61.8040, 0.3401, 0.3616



61.8040, 0.3231, 0.3620

Triad

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



61.8040, 0.3401, 0.3616



61.8040, 0.2775, 0.3187



61.8040, 0.3209, 0.3069

Complementary

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



61.8040, 0.3401, 0.3616



49.9045, 0.2852, 0.2941

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.



61.8040, 0.3015, 0.2983



61.8040, 0.3401, 0.3616



61.8040, 0.2769, 0.3045

Square

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



61.8040, 0.3401, 0.3616



61.8040, 0.2872, 0.3366



61.8040, 0.2855, 0.2972



61.8040, 0.3386, 0.3210

Rectangle

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



61.8040, 0.3401, 0.3616



61.8040, 0.3102, 0.3568



61.8040, 0.2855, 0.2972



61.8040, 0.3144, 0.3033

Sweetspot

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



61.8067, 0.3401, 0.3616



97.2463, 0.3204, 0.3383



49.8854, 0.3376, 0.3181



20.7333, 0.3215, 0.3396



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.



61.8067, 0.3401, 0.3616



89.0005, 0.3470, 0.3695



64.8955, 0.3313, 0.3725



13.9852, 0.3272, 0.3466



24.4374, 0.4696, 0.4653



1.5991, 0.4591, 0.4737

Inverse Universe

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



49.9045, 0.2852, 0.2941



68.0229, 0.2783, 0.2850



47.3433, 0.2920, 0.2836



12.4936, 0.2982, 0.3108



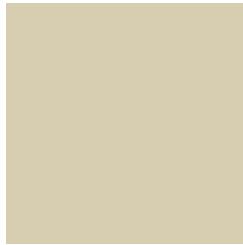
4.5543, 0.1579, 0.0883



0.4056, 0.1672, 0.1218

Previews

White Background



This preview shows how the Yxy color 61.8040, 0.3401, 0.3616 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 61.8040, 0.3401, 0.3616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

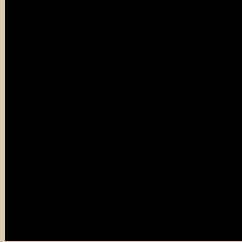
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

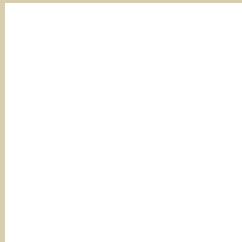
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.8040, 0.3401, 0.3616

Background



This preview shows how black text looks on a background with the Yxy color 61.8040, 0.3401, 0.3616.



This preview shows how white text looks on a background with the Yxy color 61.8040, 0.3401, 0.3616.

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

61.8040, 0.3401, 0.3616

Protanopia

61.9559, 0.3409, 0.3615

Deuteranopia

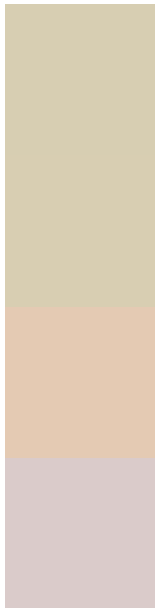
61.9344, 0.3581, 0.3512



Tritanopia

61.9468, 0.3166, 0.3123

Trichromacy



Original Color

61.8040, 0.3401, 0.3616

Protanomaly

61.9559, 0.3409, 0.3615

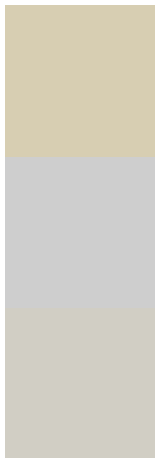
Deuteranomaly

61.9897, 0.3508, 0.3550

Tritanomaly

61.8816, 0.3251, 0.3302

Monochromacy



Original Color

61.8040, 0.3401, 0.3616

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.6834, 0.3221, 0.3407

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.8040, 0.3401, 0.3616 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(215, 206, 178)` looks like.

```
.text, #text, p{  
    color:rgb(215, 206, 178)  
}
```

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(215, 206, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 206, 178) }
```

Border

The CSS property to change the border of an element to Yxy 61.8040, 0.3401, 0.3616 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(215, 206, 178) }
```

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

```
.border{ border-color:rgb(215, 206, 178) }
```

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

Here you see how a box with a 4 pixel rgb(215, 206, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 206, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 206, 178);  
box-shadow:4px 4px 4px 4px rgb(215, 206,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 61.8040, 0.3401, 0.3616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 206, 178) }
```

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

```
.background{ background-color: rgb(215,  
206, 178) }
```

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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