

Converting Colors

Yxy(62.0184, 0.3239, 0.3616)

Have a look what the booklet for
Yxy(62.0184, 0.3239, 0.3616)
contains.

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Color

Yxy(61.7914, 0.3240, 0.3613)

Conversions

Conversions Part 1

Format	Color
Hex	C8D2B7
RGB	200, 210, 183
RGB Percent	78%, 82%, 72%
CMY	0.2158, 0.1764, 0.2822
CMYK	0.05, 0.00, 0.13, 0.18
HSL	82°, 23%, 77%
HSV	82°, 13%, 82%
XYZ	55.4122, 61.7914, 53.8216
YIQ	203.9320, 2.7070, -10.5170

Conversions

Conversions Part 2

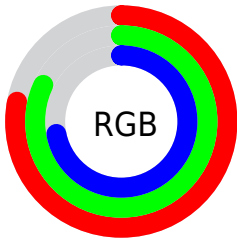
Format	Color
RYB	183, 210, 193
Decimal	13161143
CIELab	82.80, -8.18, 12.21
CIELCh	83, 14.698, 123.804
Yxy	61.7914, 0.3240, 0.3613
Android (android.graphics.Color)	4291351223 (0xFFC8D2B7)
YUV	203.9320, -10.3195, -3.4484
Hunter-Lab	78.6075, -11.7346, 14.4301

Details

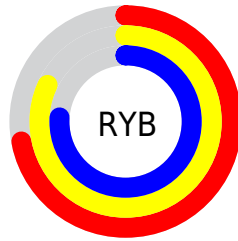
The Yxy color **61.7914, 0.3240, 0.3613** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.8774, 0.3004, 0.2962**, and the grayscale version is **60.4045, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0120, 0.3220, 0.3444**, and **31.4996, 0.3267, 0.3706** is the 20% darker color. If you saturate the color by 10%, you get **59.9366, 0.3327, 0.3883**, and if you desaturate by 10%, it is **63.8369, 0.3152, 0.3359**.

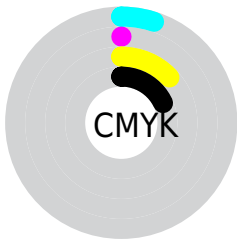
Distribution



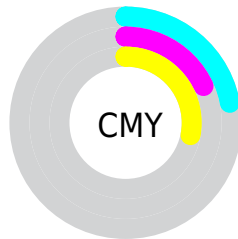
- Red (78%)
- Green (82%)
- Blue (72%)



- Red (72%)
- Yellow (82%)
- Blue (76%)



- Cyan (5%)
- Magenta (0%)
- Yellow (13%)
- Black (18%)




- Cyan (22%)
- Magenta (18%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.7914, 0.3240, 0.3613 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 61.7914, 0.3240, 0.3613 by changing the saturation by 10% instead.

 61.7914, 0.3240,
0.3613

 61.7914, 0.3240,
0.3613


431.1698, 0.3187,
0.3457

 44.8642, 0.3252,
0.3651


 107.4240, 0.3222,
0.3557

 31.3504, 0.3267,
0.3698


136.8981, 0.3215,
0.3536

 20.8659, 0.3286,
0.3759


171.3234, 0.3209,
0.3518

 13.0260, 0.3310,
0.3843

211.0841, 0.3203,
0.3502

 7.4464, 0.3343,
0.3962

256.5647, 0.3199,
0.3489

 3.7428, 0.3390,
0.4145

308.1496, 0.3194,

 1.5308, 0.3482,

0.3477

0.4494

366.2232, 0.3191,
0.3466

0.3102, 0.2349,
0.7651

0.0000, 0.0000,
0.0000

61.7914, 0.3240,
0.3613

61.7914, 0.3240,
0.3613

59.9366, 0.3327,
0.3883

63.8369, 0.3152,
0.3359

58.2578, 0.3410,
0.4164

66.0713, 0.3066,
0.3124

56.7508, 0.3485,
0.4447

68.5031, 0.2983,
0.2909

55.4080, 0.3547,
0.4722

70.3384, 0.2980,
0.2828

■ 54.2210, 0.3590,
0.4977

■ 71.6674, 0.3034,
0.2835

■ 53.1809, 0.3611,
0.5197

■ 73.0550, 0.3089,
0.2843

■ 52.2771, 0.3608,
0.5373

■ 74.5020, 0.3145,
0.2851

■ 51.4971, 0.3581,
0.5498

■ 74.5768, 0.3148,
0.2851

■ 51.0005, 0.3551,
0.5562

Harmonies

Analogous

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



61.7914, 0.3402, 0.3604



61.7914, 0.3240, 0.3613



61.7914, 0.3052, 0.3529

Triad

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



61.7914, 0.3240, 0.3613



61.7914, 0.2776, 0.3059



61.7914, 0.3370, 0.3203

Complementary

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



61.7914, 0.3240, 0.3613



49.8774, 0.3004, 0.2962

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.



61.7914, 0.3195, 0.3068



61.7914, 0.3240, 0.3613



61.7914, 0.2855, 0.2983

Square

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



61.7914, 0.3240, 0.3613



61.7914, 0.2788, 0.3201



61.7914, 0.3007, 0.2988



61.7914, 0.3479, 0.3362

Rectangle

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



61.7914, 0.3240, 0.3613



61.7914, 0.2937, 0.3431



61.7914, 0.3007, 0.2988



61.7914, 0.3316, 0.3153

Sweetspot

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



61.7941, 0.3240, 0.3613



98.6486, 0.3162, 0.3388



55.2282, 0.3344, 0.3408



21.0616, 0.3169, 0.3407



0.0000, 0.0000, 0.0000



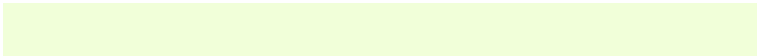
21.4041, 0.3127, 0.3290

Same Dimension

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



61.7941, 0.3240, 0.3613



95.1802, 0.3260, 0.3674



60.0348, 0.3138, 0.3623



13.5690, 0.3210, 0.3524



31.1660, 0.3560, 0.5555



1.7870, 0.3677, 0.5462

Inverse Universe

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



49.8774, 0.3004, 0.2962



73.6996, 0.2979, 0.2898



51.7135, 0.3112, 0.2973



11.6285, 0.3039, 0.3054



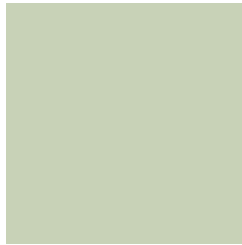
3.8798, 0.1807, 0.0769



0.2616, 0.2017, 0.0885

Previews

White Background



This preview shows how the Yxy color 61.7914, 0.3240, 0.3613 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 61.7914, 0.3240, 0.3613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

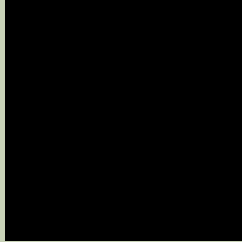
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

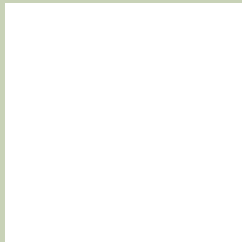
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.7914, 0.3240, 0.3613

Background



This preview shows how black text looks on a background with the Yxy color 61.7914, 0.3240, 0.3613.



This preview shows how white text looks on a background with the Yxy color 61.7914, 0.3240, 0.3613.

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

61.7914, 0.3240, 0.3613

Protanopia

61.4459, 0.3381, 0.3569

Deuteranopia

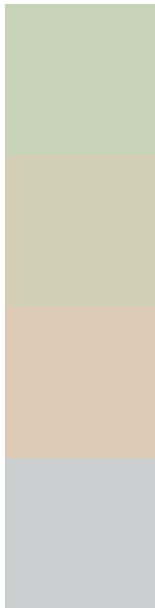
61.6733, 0.3508, 0.3446



Tritanopia

62.0049, 0.3024, 0.3107

Trichromacy



Original Color

61.7914, 0.3240, 0.3613

Protanomaly

61.7047, 0.3330, 0.3584

Deuteranomaly

61.5447, 0.3410, 0.3508

Tritanomaly

61.9680, 0.3105, 0.3290

Monochromacy



Original Color

61.7914, 0.3240, 0.3613

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.8246, 0.3175, 0.3408

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.7914, 0.3240, 0.3613 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(200, 210, 183)` looks like.

```
.text, #text, p{  
    color:rgb(200, 210, 183)  
}
```

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(200, 210, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 210, 183) }
```

Border

The CSS property to change the border of an element to Yxy 61.7914, 0.3240, 0.3613 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(200, 210, 183) }
```

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

```
.border{ border-color:rgb(200, 210, 183) }
```

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

Here you see how a box with a 4 pixel rgb(200, 210, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 210, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 210, 183);  
box-shadow:4px 4px 4px 4px rgb(200, 210,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 61.7914, 0.3240, 0.3613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 210, 183) }
```

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

```
.background{ background-color: rgb(200,  
210, 183) }
```

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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