

Converting Colors

$Yxy(61.7923, 0.3385, 0.3381)$

Have a look what the booklet for
Yxy(61.7923, 0.3385, 0.3381)
contains.

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Color

Yxy(61.7923, 0.3385, 0.3381)

Conversions

Conversions Part 1

Format	Color
Hex	E2C9C1
RGB	226, 201, 193
RGB Percent	89%, 79%, 76%
CMY	0.1139, 0.2117, 0.2432
CMYK	0.00, 0.11, 0.15, 0.11
HSL	15°, 36%, 82%
HSV	15°, 15%, 89%
XYZ	61.8654, 61.7923, 59.1057
YIQ	207.5630, 17.4680, 2.8120

Conversions

Conversions Part 2

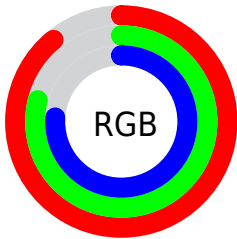
Format	Color
R _Y B	226, 204, 193
Decimal	14862785
CIE Lab	82.80, 7.44, 7.20
CIE LCh	83, 10.356, 44.048
Yxy	61.7923, 0.3385, 0.3381
Android (android.graphics.Color)	4293052865 (0xFFE2C9C1)
YUV	207.5630, -7.1796, 16.1692
Hunter-Lab	78.6081, 2.9173, 10.4453

Details

The Yxy color **61.7923, 0.3385, 0.3381** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.9255, 0.2903, 0.3197**, and the grayscale version is **62.8161, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6196, 0.3162, 0.3347**, and **31.3069, 0.3442, 0.3394** is the 20% darker color. If you saturate the color by 10%, you get **53.3330, 0.3606, 0.3448**, and if you desaturate by 10%, it is **71.2975, 0.3201, 0.3318**.

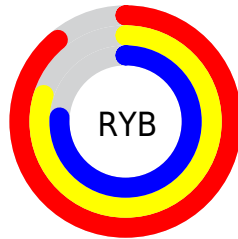
Distribution



Red (89%)

Green (79%)

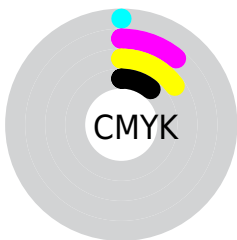
Blue (76%)



Red (89%)

Yellow (80%)

Blue (76%)

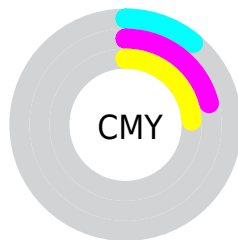


Cyan (0%)

Magenta (11%)

Yellow (15%)

Black (11%)



Cyan (11%)


Magenta (21%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.7923, 0.3385, 0.3381 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 61.7923, 0.3385, 0.3381 by changing the saturation by 10% instead.


 61.7923, 0.3385,
0.3381

 61.7923, 0.3385,
0.3381

431.1731, 0.3261,
0.3339

 44.8649, 0.3414,
0.3391


 107.4253, 0.3341,
0.3366

 31.3510, 0.3451,
0.3402


136.8997, 0.3324,
0.3361

 20.8663, 0.3499,
0.3417


171.3251, 0.3310,
0.3356

 13.0263, 0.3563,
0.3437

211.0861, 0.3298,
0.3352

 7.4467, 0.3654,
0.3463

256.5670, 0.3287,
0.3348

 3.7430, 0.3791,
0.3500

308.1522, 0.3277,

 1.5308, 0.4025,

0.3345

366.2261, 0.3269,
0.3342

0.3556

0.3103, 0.6057,
0.3943

0.0000, 0.0000,
0.0000

61.7923, 0.3385,
0.3381

61.7923, 0.3385,
0.3381

53.3330, 0.3606,
0.3448

71.2975, 0.3201,
0.3318

45.8753, 0.3868,
0.3516

81.8743, 0.3048,
0.3259

39.3842, 0.4177,
0.3582

93.1809, 0.2951,
0.3262

33.8193, 0.4531,
0.3637

94.9027, 0.2952,
0.3289

■ 29.1372, 0.4918,
0.3675

■ 25.2910, 0.5316,
0.3682

■ 22.2290, 0.5686,
0.3650

■ 19.8932, 0.5984,
0.3578

■ 18.9037, 0.6111,
0.3530

Harmonies

Analogous

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



61.7923, 0.3330, 0.3267



61.7923, 0.3385, 0.3381



61.7923, 0.3369, 0.3474

Triad

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



61.7923, 0.3385, 0.3381



61.7923, 0.3031, 0.3424



61.7923, 0.2967, 0.3067

Complementary

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



61.7923, 0.3385, 0.3381



66.9255, 0.2903, 0.3197

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.



61.7923, 0.2891, 0.3103



61.7923, 0.3385, 0.3381



61.7923, 0.2927, 0.3308

Square

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



61.7923, 0.3385, 0.3381



61.7923, 0.3163, 0.3502



61.7923, 0.2876, 0.3190



61.7923, 0.3087, 0.3089

Rectangle

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



61.7923, 0.3385, 0.3381



61.7923, 0.3320, 0.3511



61.7923, 0.2876, 0.3190



61.7923, 0.2936, 0.3073

Sweetspot

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



61.7951, 0.3385, 0.3381



94.5375, 0.3192, 0.3314



59.3694, 0.3201, 0.3012



20.0205, 0.3204, 0.3319



0.0000, 0.0000, 0.0000



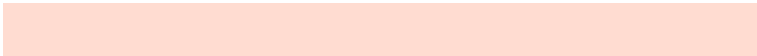
21.4041, 0.3127, 0.3290

Same Dimension

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



61.7951, 0.3385, 0.3381



77.2075, 0.3458, 0.3404



69.7238, 0.3359, 0.3558



14.2405, 0.3286, 0.3348



10.9446, 0.6084, 0.3551



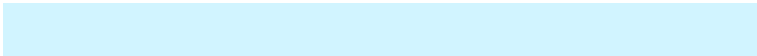
0.8978, 0.5782, 0.3791

Inverse Universe

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



66.9255, 0.2903, 0.3197



85.3766, 0.2849, 0.3173



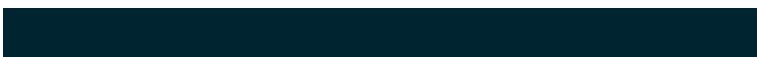
58.9592, 0.2896, 0.3007



14.9765, 0.2982, 0.3232



19.9220, 0.2024, 0.2484



1.5178, 0.2062, 0.2623

Previews

White Background



This preview shows how the Yxy color 61.7923, 0.3385, 0.3381 looks on a white background.

Color Contrast Check

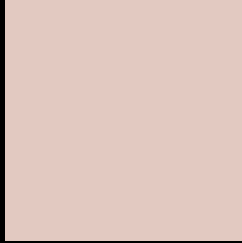
Large Text (above 18pt) WCAG AA × Fail

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 61.7923, 0.3385, 0.3381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

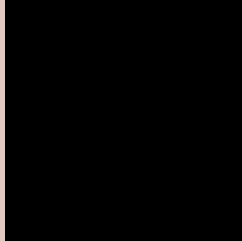
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.7923, 0.3385, 0.3381

Background



This preview shows how black text looks on a background with the Yxy color 61.7923, 0.3385, 0.3381.

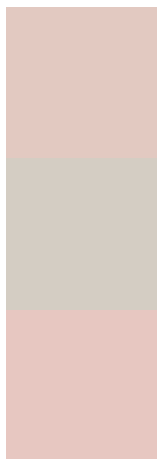


This preview shows how white text looks on a background with the Yxy color 61.7923, 0.3385, 0.3381.

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

61.7923, 0.3385, 0.3381

Protanopia

61.5998, 0.3253, 0.3406

Deuteranopia

61.6860, 0.3429, 0.3357



Tritanopia

61.8503, 0.3261, 0.3126

Trichromacy



Original Color

61.7923, 0.3385, 0.3381

Protanomaly

61.8325, 0.3301, 0.3405

Deuteranomaly

61.8168, 0.3411, 0.3369

Tritanomaly

61.7971, 0.3305, 0.3213

Monochromacy



Original Color

61.7923, 0.3385, 0.3381

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.4215, 0.3218, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.7923, 0.3385, 0.3381 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(226, 201, 193)` looks like.

```
.text, #text, p{  
    color:rgb(226, 201, 193)  
}
```

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(226, 201, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 201, 193) }
```

Border

The CSS property to change the border of an element to Yxy 61.7923, 0.3385, 0.3381 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(226, 201, 193) }
```

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

```
.border{ border-color:rgb(226, 201, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 201, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 201, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 201, 193);  
box-shadow:4px 4px 4px 4px rgb(226, 201,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 61.7923, 0.3385, 0.3381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 201, 193) }
```

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

```
.background{ background-color: rgb(226,  
201, 193) }
```

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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