

Converting Colors

$Yxy(61.7558, 0.3280, 0.3296)$

Have a look what the booklet for
Yxy(61.7558, 0.3280, 0.3296)
contains.

Yxy(61.8303, 0.3283, 0.3302)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(61.8303, 0.3283, 0.3302)

Conversions

Conversions Part 1

Format	Color
Hex	DDCAC9
RGB	221, 202, 201
RGB Percent	87%, 79%, 79%
CMY	0.1334, 0.2078, 0.2118
CMYK	0.00, 0.09, 0.09, 0.13
HSL	3°, 23%, 83%
HSV	3°, 9%, 87%
XYZ	61.4745, 61.8303, 63.9462
YIQ	207.5670, 11.6450, 3.7170

Conversions

Conversions Part 2

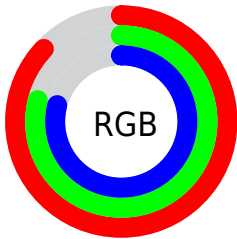
Format	Color
R _Y B	221, 202, 201
Decimal	14535369
CIE Lab	82.82, 6.44, 2.90
CIE LCh	83, 7.063, 24.218
Yxy	61.8303, 0.3283, 0.3302
Android (android.graphics.Color)	4292725449 (0xFFDDCAC9)
YUV	207.5670, -3.2375, 11.7807
Hunter-Lab	78.6322, 1.9445, 6.8261

Details

The Yxy color **61.8303, 0.3283, 0.3302** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.7940, 0.2988, 0.3278**, and the grayscale version is **62.7967, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.3934, 0.3325, 0.3305** is the 20% darker color. If you saturate the color by 10%, you get **51.6873, 0.3495, 0.3316**, and if you desaturate by 10%, it is **73.4648, 0.3112, 0.3289**.

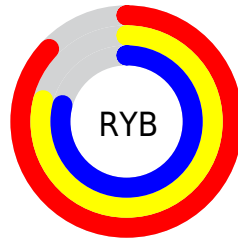
Distribution



Red (87%)

Green (79%)

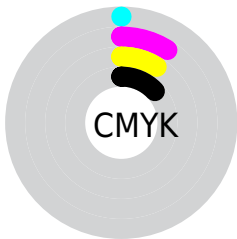
Blue (79%)



Red (87%)

Yellow (79%)

Blue (79%)

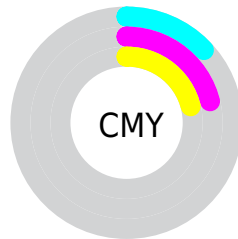


Cyan (0%)

Magenta (9%)

Yellow (9%)

Black (13%)



Cyan (13%)

Magenta (21%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.8303, 0.3283, 0.3302 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 61.8303, 0.3283, 0.3302 by changing the saturation by 10% instead.

61.8303, 0.3283,
0.3302

61.8303, 0.3283,
0.3302

431.3118, 0.3209,
0.3297

44.8956, 0.3301,
0.3303

107.4802, 0.3257,
0.3300

31.3752, 0.3323,
0.3304

136.9642, 0.3247,
0.3300

20.8847, 0.3351,
0.3306

171.4001, 0.3238,
0.3299

13.0398, 0.3390,
0.3308

211.1723, 0.3230,
0.3298

7.4559, 0.3444,
0.3311

256.6652, 0.3224,
0.3298

3.7488, 0.3527,
0.3313

308.2631, 0.3218,

1.5341, 0.3668,

0.3298

0.3316

366.3505, 0.3213,
0.3297

0.3125, 0.5022,
0.3455

0.0000, 0.0000,
0.0000

61.8303, 0.3283,
0.3302

61.8303, 0.3283,
0.3302

51.6873, 0.3495,
0.3316

73.4648, 0.3112,
0.3289

42.9676, 0.3758,
0.3331

86.6390, 0.2975,
0.3277

35.6101, 0.4079,
0.3346

94.1078, 0.2923,
0.3289

29.5461, 0.4465,
0.3359

■ 24.7006, 0.4905,
0.3368

■ 20.9914, 0.5374,
0.3370

■ 18.3257, 0.5815,
0.3363

■ 16.5964, 0.6158,
0.3344

■ 15.6692, 0.6357,
0.3324

Harmonies

Analogous

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



61.8303, 0.3219, 0.3225



61.8303, 0.3283, 0.3302



61.8303, 0.3304, 0.3377

Triad

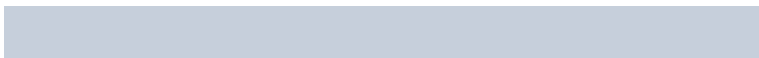
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



61.8303, 0.3283, 0.3302



61.8303, 0.3121, 0.3420



61.8303, 0.2979, 0.3150

Complementary

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



61.8303, 0.3283, 0.3302



68.7940, 0.2988, 0.3278

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.



61.8303, 0.2953, 0.3199



61.8303, 0.3283, 0.3302



61.8303, 0.3035, 0.3356

Square

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



61.8303, 0.3283, 0.3302



61.8303, 0.3210, 0.3447



61.8303, 0.2974, 0.3275



61.8303, 0.3044, 0.3138

Rectangle

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



61.8303, 0.3283, 0.3302



61.8303, 0.3291, 0.3416



61.8303, 0.2974, 0.3275



61.8303, 0.2965, 0.3162

Sweetspot

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



61.8330, 0.3283, 0.3302



94.9736, 0.3176, 0.3294



62.3028, 0.3145, 0.3080



20.0477, 0.3189, 0.3295



0.0000, 0.0000, 0.0000



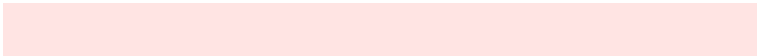
21.4041, 0.3127, 0.3290

Same Dimension

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



61.8330, 0.3283, 0.3302



82.5044, 0.3323, 0.3305



66.6618, 0.3271, 0.3413



13.1581, 0.3290, 0.3303



9.1230, 0.6361, 0.3331



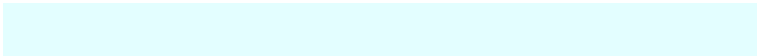
0.6296, 0.6243, 0.3425

Inverse Universe

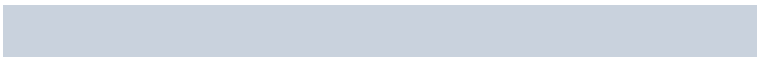
The Inverse Universe completely reimagines the original color for something new.



68.7940, 0.2988, 0.3278



94.1481, 0.2957, 0.3275



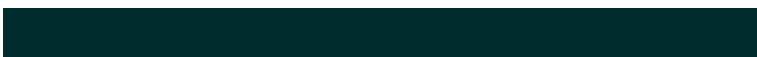
63.7199, 0.2988, 0.3164



14.7091, 0.2982, 0.3277



29.7645, 0.2203, 0.3130



1.9641, 0.2211, 0.3158

Previews

White Background



This preview shows how the Yxy color 61.8303, 0.3283, 0.3302 looks on a white background.

Color Contrast Check

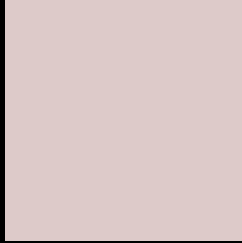
Large Text (above 18pt) WCAG AA × Fail

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 61.8303, 0.3283, 0.3302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

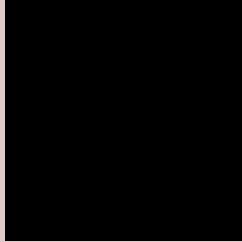
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

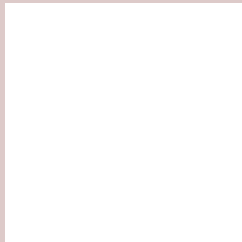
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.8303, 0.3283, 0.3302

Background



This preview shows how black text looks on a background with the Yxy color 61.8303, 0.3283, 0.3302.



This preview shows how white text looks on a background with the Yxy color 61.8303, 0.3283, 0.3302.

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

61.8303, 0.3283, 0.3302

Protanopia

61.8233, 0.3187, 0.3313

Deuteranopia

61.5579, 0.3343, 0.3268



Tritanopia

61.9028, 0.3197, 0.3124

Trichromacy



Original Color

61.8303, 0.3283, 0.3302

Protanomaly

61.8971, 0.3226, 0.3313

Deuteranomaly

61.5332, 0.3317, 0.3279

Tritanomaly

61.9560, 0.3225, 0.3190

Monochromacy



Original Color

61.8303, 0.3283, 0.3302

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.6965, 0.3188, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.8303, 0.3283, 0.3302 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(221, 202, 201)` looks like.

```
.text, #text, p{  
    color:rgb(221, 202, 201)  
}
```

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(221, 202, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 202, 201) }
```

Border

The CSS property to change the border of an element to Yxy 61.8303, 0.3283, 0.3302 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(221, 202, 201) }
```

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

```
.border{ border-color:rgb(221, 202, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 202, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 202, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 202, 201);  
box-shadow:4px 4px 4px 4px rgb(221, 202,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 61.8303, 0.3283, 0.3302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 202, 201) }
```

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

```
.background{ background-color: rgb(221,  
202, 201) }
```

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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