

Converting Colors

Yxy(61.8958, 0.3282, 0.3405)

Have a look what the booklet for
Yxy(61.8958, 0.3282, 0.3405)
contains.

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Color

Yxy(62.0498, 0.3277, 0.3405)

Conversions

Conversions Part 1

Format	Color
Hex	D7CDC3
RGB	215, 205, 195
RGB Percent	84%, 80%, 76%
CMY	0.1567, 0.1961, 0.2353
CMYK	0.00, 0.05, 0.09, 0.16
HSL	30°, 20%, 80%
HSV	30°, 9%, 84%
XYZ	59.7172, 62.0498, 60.4644
YIQ	206.8500, 9.1700, -0.9900

Conversions

Conversions Part 2

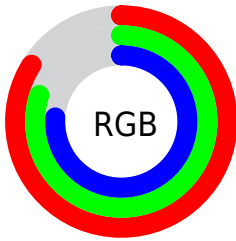
Format	Color
R _Y B	215, 215, 195
Decimal	14142915
CIE Lab	82.94, 1.78, 6.20
CIE LCh	83, 6.446, 73.987
Yxy	62.0498, 0.3277, 0.3405
Android (android.graphics.Color)	4292332995 (0xFFD7CDC3)
YUV	206.8500, -5.8420, 7.1476
Hunter-Lab	78.7717, -2.5287, 9.6298

Details

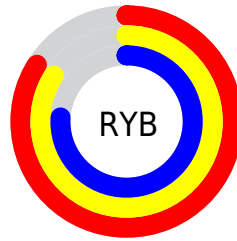
The Yxy color **62.0498, 0.3277, 0.3405** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.2086, 0.2984, 0.3172**, and the grayscale version is **62.3347, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **31.5299, 0.3316, 0.3443** is the 20% darker color. If you saturate the color by 10%, you get **56.1608, 0.3460, 0.3535**, and if you desaturate by 10%, it is **68.4408, 0.3117, 0.3282**.

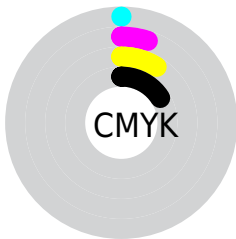
Distribution



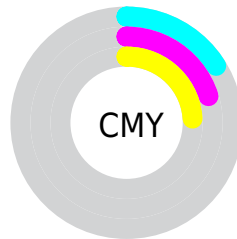
- Red (84%)
- Green (80%)
- Blue (76%)



- Red (84%)
- Yellow (84%)
- Blue (76%)



- Cyan (0%)
- Magenta (5%)
- Yellow (9%)
- Black (16%)



- Cyan (16%)
- Magenta (20%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.0498, 0.3277, 0.3405 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 62.0498, 0.3277, 0.3405 by changing the saturation by 10% instead.

■ 62.0498, 0.3277,
0.3405

■ 62.0498, 0.3277,
0.3405

432.1127, 0.3205,
0.3351

■ 45.0729, 0.3294,
0.3418

107.7975, 0.3252,
0.3386

■ 31.5149, 0.3315,
0.3434

137.3371, 0.3242,
0.3378

■ 20.9912, 0.3343,
0.3454

171.8331, 0.3234,
0.3372

■ 13.1176, 0.3379,
0.3482

211.6699, 0.3227,
0.3367

■ 7.5096, 0.3431,
0.3520

257.2319, 0.3220,
0.3362

■ 3.7828, 0.3509,
0.3577

308.9034, 0.3215,

■ 1.5528, 0.3642,

0.3358

0.3672

367.0689, 0.3210,
0.3354

0.3255, 0.5201,
0.4799

0.0000, 0.0000,
0.0000

62.0498, 0.3277,
0.3405

62.0498, 0.3277,
0.3405

56.1608, 0.3460,
0.3535

68.4408, 0.3117,
0.3282

50.7525, 0.3667,
0.3670

75.3381, 0.2978,
0.3167

45.8139, 0.3900,
0.3804

82.4616, 0.2881,
0.3107

41.3304, 0.4154,
0.3930

88.9159, 0.2886,
0.3219

■ 37.2866, 0.4426,
0.4040

■ 93.1945, 0.2889,
0.3289

■ 33.6660, 0.4703,
0.4120

■ 30.4505, 0.4971,
0.4157

■ 27.6198, 0.5211,
0.4143

■ 25.1459, 0.5414,
0.4077

Harmonies

Analogous

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



62.0498, 0.3287, 0.3348



62.0498, 0.3277, 0.3405



62.0498, 0.3227, 0.3432

Triad

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



62.0498, 0.3277, 0.3405



62.0498, 0.3003, 0.3302



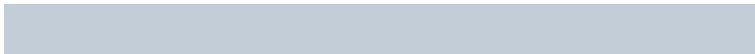
62.0498, 0.3103, 0.3164

Complementary

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



62.0498, 0.3277, 0.3405



60.2086, 0.2984, 0.3172

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.



62.0498, 0.3028, 0.3151



62.0498, 0.3277, 0.3405



62.0498, 0.2970, 0.3229

Square

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



62.0498, 0.3277, 0.3405



62.0498, 0.3068, 0.3373



62.0498, 0.2979, 0.3174



62.0498, 0.3185, 0.3210

Rectangle

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



62.0498, 0.3277, 0.3405



62.0498, 0.3177, 0.3429



62.0498, 0.2979, 0.3174



62.0498, 0.3076, 0.3155

Sweetspot

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



62.0525, 0.3277, 0.3405



97.0911, 0.3174, 0.3327



57.9147, 0.3210, 0.3171



20.6176, 0.3187, 0.3337



0.0000, 0.0000, 0.0000



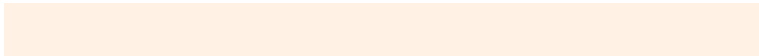
21.4041, 0.3127, 0.3290

Same Dimension

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



62.0525, 0.3277, 0.3405



89.6654, 0.3308, 0.3428



66.8510, 0.3265, 0.3514



13.4322, 0.3279, 0.3406



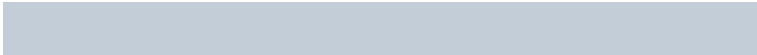
15.1505, 0.5405, 0.4091



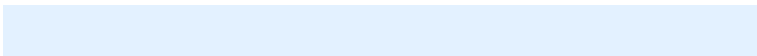
1.0794, 0.5140, 0.4301

Inverse Universe

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



60.2086, 0.2984, 0.3172



86.4722, 0.2955, 0.3148



55.6970, 0.2983, 0.3056



13.0286, 0.2982, 0.3171



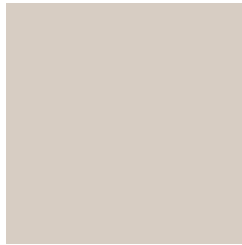
9.5537, 0.1776, 0.1594



0.7418, 0.1863, 0.1906

Previews

White Background



This preview shows how the Yxy color 62.0498, 0.3277, 0.3405 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 62.0498, 0.3277, 0.3405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

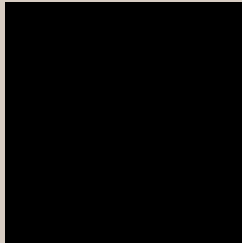
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

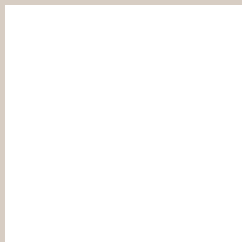
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.0498, 0.3277, 0.3405

Background



This preview shows how black text looks on a background with the Yxy color 62.0498, 0.3277, 0.3405.

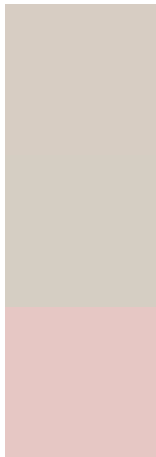


This preview shows how white text looks on a background with the Yxy color 62.0498, 0.3277, 0.3405.

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

62.0498, 0.3277, 0.3405

Protanopia

62.2289, 0.3260, 0.3417

Deuteranopia

61.6554, 0.3398, 0.3324



Tritanopia

62.1562, 0.3143, 0.3122

Trichromacy



Original Color

62.0498, 0.3277, 0.3405

Protanomaly

62.3789, 0.3268, 0.3417

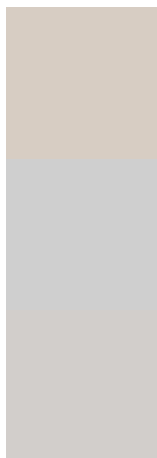
Deuteranomaly

61.7664, 0.3354, 0.3347

Tritanomaly

62.0670, 0.3192, 0.3222

Monochromacy



Original Color

62.0498, 0.3277, 0.3405

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.1560, 0.3179, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.0498, 0.3277, 0.3405 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, 205, 195) looks like.

```
.text, #text, p{  
    color:rgb(215, 205, 195)  
}
```

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, 205, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 205, 195) }
```

Border

The CSS property to change the border of an element to Yxy 62.0498, 0.3277, 0.3405 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, 205, 195) }
```

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

```
.border{ border-color:rgb(215, 205, 195) }
```

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

Here you see how a box with a 4 pixel rgb(215, 205, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 205, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 205, 195);  
box-shadow:4px 4px 4px 4px rgb(215, 205,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 62.0498, 0.3277, 0.3405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 205, 195) }
```

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

```
.background{ background-color: rgb(215,  
205, 195) }
```

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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