

Converting Colors

Yxy(61.2492, 0.3215, 0.3383)

Have a look what the booklet for
Yxy(61.2492, 0.3215, 0.3383)
contains.

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Color

Yxy(61.2492, 0.3215, 0.3383)

Conversions

Conversions Part 1

Format	Color
Hex	D1CDC5
RGB	209, 205, 197
RGB Percent	82%, 80%, 77%
CMY	0.1804, 0.1961, 0.2273
CMYK	0.00, 0.02, 0.06, 0.18
HSL	40°, 12%, 80%
HSV	40°, 6%, 82%
XYZ	58.2076, 61.2492, 61.5932
YIQ	205.2840, 4.9520, -1.6400

Conversions

Conversions Part 2

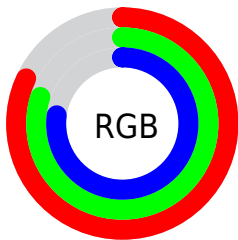
Format	Color
R _Y B	203, 209, 197
Decimal	13749701
CIE Lab	82.51, -0.02, 4.44
CIE LCh	83, 4.442, 90.250
Yxy	61.2492, 0.3215, 0.3383
Android (android.graphics.Color)	4291939781 (0xFFD1CDC5)
YUV	205.2840, -4.0840, 3.2589
Hunter-Lab	78.2619, -4.1982, 8.1212

Details

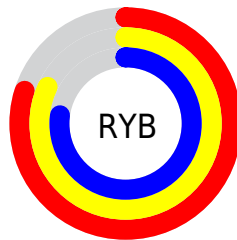
The Yxy color **61.2492, 0.3215, 0.3383** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.2669, 0.3040, 0.3195**, and the grayscale version is **61.2676, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **31.0849, 0.3244, 0.3414** is the 20% darker color. If you saturate the color by 10%, you get **57.0890, 0.3381, 0.3552**, and if you desaturate by 10%, it is **65.6970, 0.3065, 0.3223**.

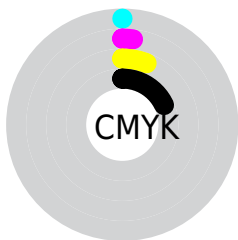
Distribution



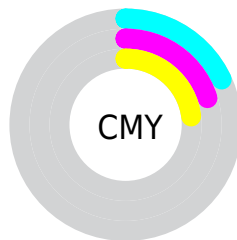
- Red (82%)
- Green (80%)
- Blue (77%)



- Red (80%)
- Yellow (82%)
- Blue (77%)



- Cyan (0%)
- Magenta (2%)
- Yellow (6%)
- Black (18%)



- Cyan (18%)
- Magenta (20%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.2492, 0.3215, 0.3383 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 61.2492, 0.3215, 0.3383 by changing the saturation by 10% instead.

■ 61.2492, 0.3215,
0.3383

■ 61.2492, 0.3215,
0.3383

429.1871, 0.3173,
0.3339

■ 44.4263, 0.3225,
0.3393

106.6397, 0.3200,
0.3367

■ 31.0058, 0.3237,
0.3407

135.9761, 0.3195,
0.3361

■ 20.6033, 0.3253,
0.3424

170.2524, 0.3190,
0.3356

■ 12.8343, 0.3275,
0.3447

209.8531, 0.3185,
0.3352

■ 7.3146, 0.3306,
0.3479

255.1625, 0.3182,
0.3348

■ 3.6596, 0.3352,
0.3528

306.5650, 0.3179,

■ 1.4850, 0.3430,

0.3344

0.3611

364.4451, 0.3176,
0.3341

0.2782, 0.4869,
0.5131

0.0000, 0.0000,
0.0000

61.2492, 0.3215,
0.3383

61.2492, 0.3215,
0.3383

57.0890, 0.3381,
0.3552

65.6970, 0.3065,
0.3223

53.2011, 0.3563,
0.3726

70.4313, 0.2931,
0.3073

49.5804, 0.3759,
0.3902

75.1533, 0.2838,
0.2982

46.2185, 0.3966,
0.4070

79.0322, 0.2842,
0.3057

■ 43.1066, 0.4177,
0.4224

■ 83.0678, 0.2846,
0.3132

■ 40.2352, 0.4385,
0.4350

■ 87.2620, 0.2850,
0.3206

■ 37.5935, 0.4580,
0.4439

■ 91.6164, 0.2854,
0.3278

■ 35.1695, 0.4750,
0.4480

■ 92.2964, 0.2855,
0.3289

■ 32.9488, 0.4889,
0.4471

Harmonies

Analogous

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



61.2492, 0.3238, 0.3354



61.2492, 0.3215, 0.3383



61.2492, 0.3169, 0.3387

Triad

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



61.2492, 0.3215, 0.3383



61.2492, 0.3025, 0.3271



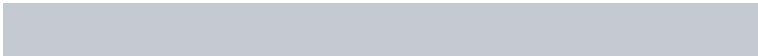
61.2492, 0.3142, 0.3217

Complementary

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



61.2492, 0.3215, 0.3383



58.2669, 0.3040, 0.3195

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.



61.2492, 0.3085, 0.3195



61.2492, 0.3215, 0.3383



61.2492, 0.3018, 0.3225

Square

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



61.2492, 0.3215, 0.3383



61.2492, 0.3059, 0.3322



61.2492, 0.3040, 0.3198



61.2492, 0.3195, 0.3258

Rectangle

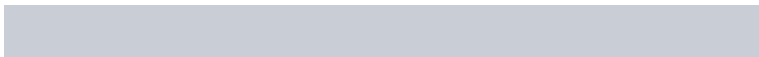
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.2492, 0.3215, 0.3383



61.2492, 0.3131, 0.3375



61.2492, 0.3040, 0.3198



61.2492, 0.3123, 0.3207

Sweetspot

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



61.2519, 0.3215, 0.3383



98.5924, 0.3158, 0.3322



57.7287, 0.3191, 0.3241



21.1177, 0.3156, 0.3321



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.



61.2519, 0.3215, 0.3383



95.1532, 0.3236, 0.3405



62.9328, 0.3197, 0.3430



13.2782, 0.3244, 0.3413



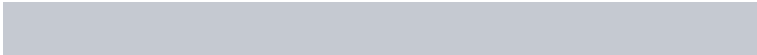
19.9491, 0.4929, 0.4468



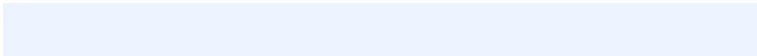
1.2583, 0.4761, 0.4602

Inverse Universe

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



58.2669, 0.3040, 0.3195



89.4233, 0.3019, 0.3172



56.6668, 0.3055, 0.3148



12.4281, 0.3012, 0.3164



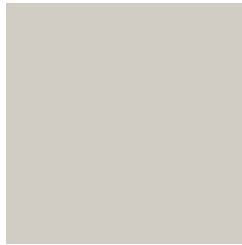
5.6945, 0.1637, 0.1094



0.4633, 0.1742, 0.1470

Previews

White Background



This preview shows how the Yxy color 61.2492, 0.3215, 0.3383 looks on a white background.

Color Contrast Check

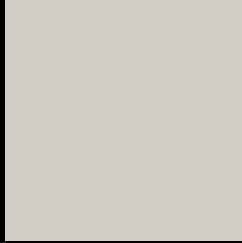
Large Text (above 18pt) WCAG AA × Fail

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 61.2492, 0.3215, 0.3383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

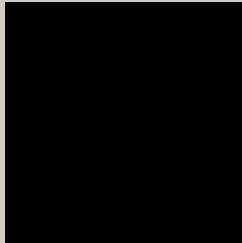
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

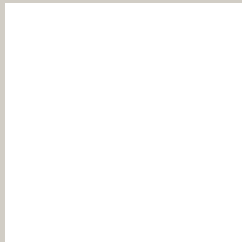
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.2492, 0.3215, 0.3383

Background



This preview shows how black text looks on a background with the Yxy color 61.2492, 0.3215, 0.3383.

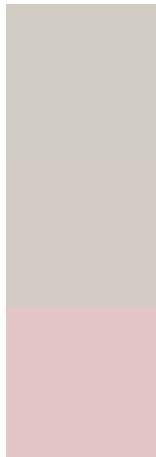


This preview shows how white text looks on a background with the Yxy color 61.2492, 0.3215, 0.3383.

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

61.2492, 0.3215, 0.3383

Protanopia

61.0658, 0.3232, 0.3371

Deuteranopia

60.9594, 0.3368, 0.3291



Tritanopia

61.3001, 0.3090, 0.3109

Trichromacy



Original Color

61.2492, 0.3215, 0.3383

Protanomaly

60.9186, 0.3224, 0.3372

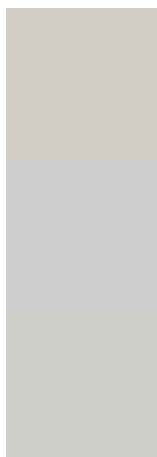
Deuteranomaly

61.2227, 0.3307, 0.3325

Tritanomaly

61.2139, 0.3139, 0.3210

Monochromacy



Original Color

61.2492, 0.3215, 0.3383

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.0487, 0.3156, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.2492, 0.3215, 0.3383 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(209, 205, 197)` looks like.

```
.text, #text, p{  
    color:rgb(209, 205, 197)  
}
```

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(209, 205, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 205, 197) }
```

Border

The CSS property to change the border of an element to Yxy 61.2492, 0.3215, 0.3383 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(209, 205, 197) }
```

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

```
.border{ border-color:rgb(209, 205, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 205, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 205, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 205, 197);  
box-shadow:4px 4px 4px 4px rgb(209, 205,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 61.2492, 0.3215, 0.3383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 205, 197) }
```

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

```
.background{ background-color: rgb(209,  
205, 197) }
```

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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