

Converting Colors

$Yxy(62.2890, 0.3282, 0.3440)$

Have a look what the booklet for
Yxy(62.2890, 0.3282, 0.3440)
contains.

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Color

Yxy(62.2890, 0.3282, 0.3440)

Conversions

Conversions Part 1

Format	Color
Hex	D6CEC1
RGB	214, 206, 193
RGB Percent	84%, 81%, 76%
CMY	0.1608, 0.1921, 0.2430
CMYK	0.00, 0.04, 0.10, 0.16
HSL	37°, 20%, 80%
HSV	37°, 10%, 84%
XYZ	59.4281, 62.2890, 59.3556
YIQ	206.9100, 8.9410, -2.3470

Conversions

Conversions Part 2

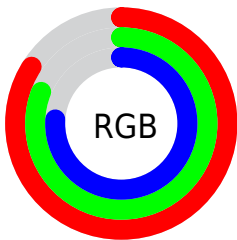
Format	Color
R_{YB}	206, 214, 193
Decimal	14077633
CIE _{Lab}	83.07, 0.54, 7.43
CIE _{LCh}	83, 7.445, 85.853
Yxy	62.2890, 0.3282, 0.3440
Android (android.graphics.Color)	4292267713 (0xFFD6CEC1)
YUV	206.9100, -6.8576, 6.2179
Hunter-Lab	78.9234, -3.7083, 10.6563

Details

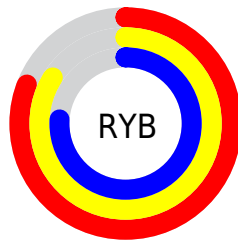
The Yxy color **62.2890, 0.3282, 0.3440** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.9714, 0.2976, 0.3135**, and the grayscale version is **62.3781, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6196, 0.3162, 0.3347**, and **31.7209, 0.3314, 0.3474** is the 20% darker color. If you saturate the color by 10%, you get **57.5824, 0.3458, 0.3601**, and if you desaturate by 10%, it is **67.3427, 0.3124, 0.3287**.

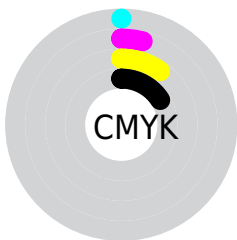
Distribution



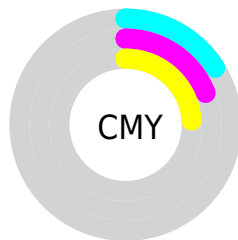
- Red (84%)
- Green (81%)
- Blue (76%)



- Red (81%)
- Yellow (84%)
- Blue (76%)



- Cyan (0%)
- Magenta (4%)
- Yellow (10%)
- Black (16%)



- Cyan (16%)
- Magenta (19%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.2890, 0.3282, 0.3440 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 62.2890, 0.3282, 0.3440 by changing the saturation by 10% instead.

■ 62.2890, 0.3282,
0.3440

■ 62.2890, 0.3282,
0.3440

432.9845, 0.3208,
0.3369

■ 45.2663, 0.3299,
0.3457

■ 108.1431, 0.3256,
0.3415

■ 31.6672, 0.3321,
0.3478

137.7433, 0.3246,
0.3405

■ 21.1074, 0.3349,
0.3505

172.3047, 0.3237,
0.3397

■ 13.2026, 0.3387,
0.3541

212.2118, 0.3230,
0.3390

■ 7.5682, 0.3440,
0.3592

257.8489, 0.3224,
0.3384

■ 3.8199, 0.3519,
0.3668

309.6004, 0.3218,

■ 1.5733, 0.3653,

0.3378

0.3794

367.8508, 0.3213,
0.3373

0.3395, 0.4973,
0.5027

0.0000, 0.0000,
0.0000

62.2890, 0.3282,
0.3440

62.2890, 0.3282,
0.3440

57.5824, 0.3458,
0.3601

67.3427, 0.3124,
0.3287

53.2056, 0.3652,
0.3765

72.7438, 0.2984,
0.3143

49.1521, 0.3862,
0.3928

78.3593, 0.2872,
0.3033

45.4117, 0.4084,
0.4082

83.0127, 0.2875,
0.3119

■ 41.9736, 0.4311,
0.4217

■ 87.8811, 0.2879,
0.3204

■ 38.8262, 0.4534,
0.4320

■ 92.9672, 0.2883,
0.3288

■ 35.9565, 0.4742,
0.4381

■ 93.0346, 0.2883,
0.3289

■ 33.3496, 0.4921,
0.4392

■ 30.9818, 0.5070,
0.4355

Harmonies

Analogous

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



62.2890, 0.3313, 0.3385



62.2890, 0.3282, 0.3440



62.2890, 0.3209, 0.3455

Triad

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



62.2890, 0.3282, 0.3440



62.2890, 0.2964, 0.3270



62.2890, 0.3137, 0.3162

Complementary

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



62.2890, 0.3282, 0.3440



57.9714, 0.2976, 0.3135

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.



62.2890, 0.3044, 0.3131



62.2890, 0.3282, 0.3440



62.2890, 0.2945, 0.3191

Square

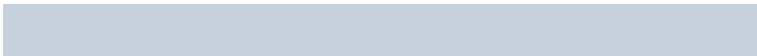
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



62.2890, 0.3282, 0.3440



62.2890, 0.3026, 0.3355



62.2890, 0.2974, 0.3141



62.2890, 0.3229, 0.3226

Rectangle

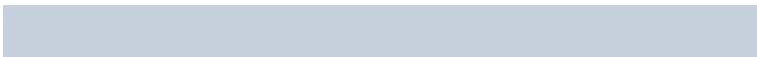
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.2890, 0.3282, 0.3440



62.2890, 0.3147, 0.3439



62.2890, 0.2974, 0.3141



62.2890, 0.3105, 0.3147

Sweetspot

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



62.2917, 0.3282, 0.3440



97.6726, 0.3173, 0.3336



56.6648, 0.3236, 0.3197



20.7745, 0.3186, 0.3348



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.



62.2917, 0.3282, 0.3440



90.9736, 0.3321, 0.3477



65.8687, 0.3254, 0.3531



13.6886, 0.3276, 0.3434



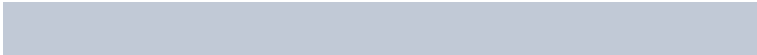
18.9073, 0.5057, 0.4367



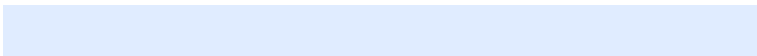
1.2979, 0.4869, 0.4516

Inverse Universe

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



57.9714, 0.2976, 0.3135



83.1518, 0.2939, 0.3096



54.6695, 0.2994, 0.3040



12.7760, 0.2982, 0.3142



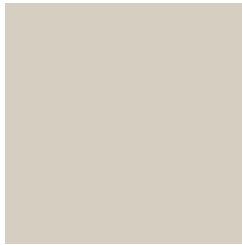
6.7213, 0.1672, 0.1217



0.5627, 0.1769, 0.1566

Previews

White Background



This preview shows how the Yxy color 62.2890, 0.3282, 0.3440 looks on a white background.

Color Contrast Check

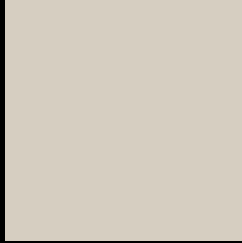
Large Text (above 18pt) WCAG AA × Fail

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 62.2890, 0.3282, 0.3440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

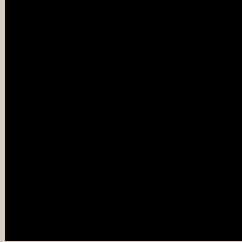
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

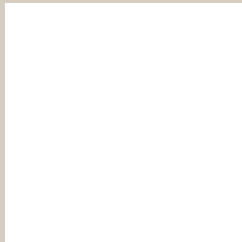
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.2890, 0.3282, 0.3440

Background



This preview shows how black text looks on a background with the Yxy color 62.2890, 0.3282, 0.3440.

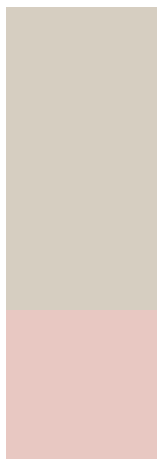


This preview shows how white text looks on a background with the Yxy color 62.2890, 0.3282, 0.3440.

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

62.2890, 0.3282, 0.3440

Protanopia

62.2890, 0.3282, 0.3440

Deuteranopia

62.3594, 0.3428, 0.3357



Tritanopia

62.2084, 0.3136, 0.3112

Trichromacy



Original Color

62.2890, 0.3282, 0.3440

Protanomaly

62.2890, 0.3282, 0.3440

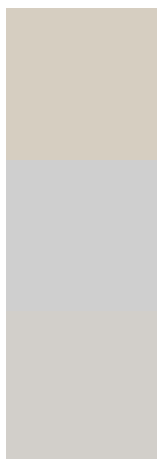
Deuteranomaly

62.1437, 0.3368, 0.3381

Tritanomaly

62.0670, 0.3192, 0.3222

Monochromacy



Original Color

62.2890, 0.3282, 0.3440

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.5916, 0.3185, 0.3348

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.2890, 0.3282, 0.3440 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(214, 206, 193) looks like.

```
.text, #text, p{  
    color:rgb(214, 206, 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(214, 206, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 206, 193) }
```

Border

The CSS property to change the border of an element to Yxy 62.2890, 0.3282, 0.3440 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(214, 206, 193) }
```

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

```
.border{ border-color:rgb(214, 206, 193) }
```

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

Here you see how a box with a 4 pixel rgb(214, 206, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 206, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 206, 193);  
box-shadow:4px 4px 4px 4px rgb(214, 206,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 62.2890, 0.3282, 0.3440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 206, 193) }
```

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

```
.background{ background-color: rgb(214,  
206, 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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