

Converting Colors

Yxy(62.4752, 0.3315, 0.3461)

Have a look what the booklet for
Yxy(62.4752, 0.3315, 0.3461)
contains.

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Color

Yxy(62.5031, 0.3313, 0.3463)

Conversions

Conversions Part 1

Format	Color
Hex	D8CEBF
RGB	216, 206, 191
RGB Percent	85%, 81%, 75%
CMY	0.1529, 0.1921, 0.2511
CMYK	0.00, 0.05, 0.12, 0.15
HSL	36°, 24%, 80%
HSV	36°, 12%, 85%
XYZ	59.7958, 62.5031, 58.1894
YIQ	207.2800, 10.7750, -2.5450

Conversions

Conversions Part 2

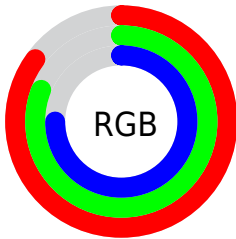
Format	Color
R_{YB}	208, 216, 191
Decimal	14208703
CIE _{Lab}	83.18, 0.93, 8.70
CIE _{LCh}	83, 8.748, 83.899
Yxy	62.5031, 0.3313, 0.3463
Android (android.graphics.Color)	4292398783 (0xFFD8CEBF)
YUV	207.2800, -8.0260, 7.6474
Hunter-Lab	79.0589, -3.3456, 11.7022

Details

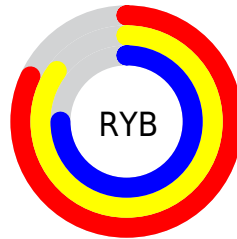
The Yxy color **62.5031, 0.3313, 0.3463** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.8027, 0.2947, 0.3111**, and the grayscale version is **62.6362, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **31.8685, 0.3354, 0.3503** is the 20% darker color. If you saturate the color by 10%, you get **57.5773, 0.3494, 0.3620**, and if you desaturate by 10%, it is **67.8034, 0.3151, 0.3313**.

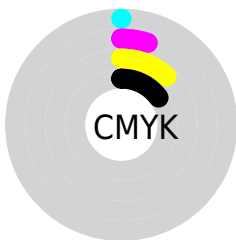
Distribution



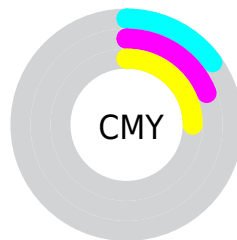
- Red (85%)
- Green (81%)
- Blue (75%)



- Red (82%)
- Yellow (85%)
- Blue (75%)



- Cyan (0%)
- Magenta (5%)
- Yellow (12%)
- Black (15%)



- Cyan (15%)
- Magenta (19%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.5031, 0.3313, 0.3463 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 62.5031, 0.3313, 0.3463 by changing the saturation by 10% instead.

■ 62.5031, 0.3313,
0.3463

■ 62.5031, 0.3313,
0.3463

433.7639, 0.3224,
0.3381

■ 45.4393, 0.3334,
0.3482

■ 108.4523, 0.3282,
0.3434

■ 31.8036, 0.3360,
0.3506

138.1066, 0.3270,
0.3423

■ 21.2115, 0.3394,
0.3537

172.7264, 0.3260,
0.3413

■ 13.2787, 0.3439,
0.3579

212.6963, 0.3251,
0.3405

■ 7.6208, 0.3502,
0.3636

258.4006, 0.3243,
0.3398

■ 3.8533, 0.3597,
0.3723

310.2237, 0.3236,

■ 1.5918, 0.3755,

0.3392

0.3864

368.5500, 0.3230,
0.3386

0.3521, 0.5037,
0.4963

0.0000, 0.0000,
0.0000

62.5031, 0.3313,
0.3463

62.5031, 0.3313,
0.3463

57.5773, 0.3494,
0.3620

67.8034, 0.3151,
0.3313

53.0079, 0.3693,
0.3780

73.4793, 0.3008,
0.3172

48.7875, 0.3910,
0.3938

79.4918, 0.2885,
0.3049

44.9051, 0.4139,
0.4085

84.4744, 0.2889,
0.3140

■ 41.3489, 0.4374,
0.4211

■ 89.6995, 0.2892,
0.3230

■ 38.1062, 0.4603,
0.4304

■ 93.3416, 0.2894,
0.3289

■ 35.1629, 0.4816,
0.4352

■ 32.5025, 0.4998,
0.4348

■ 30.4640, 0.5129,
0.4310

Harmonies

Analogous

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



62.5031, 0.3346, 0.3396



62.5031, 0.3313, 0.3463



62.5031, 0.3230, 0.3484

Triad

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



62.5031, 0.3313, 0.3463



62.5031, 0.2939, 0.3272



62.5031, 0.3131, 0.3136

Complementary

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



62.5031, 0.3313, 0.3463



57.8027, 0.2947, 0.3111

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.



62.5031, 0.3023, 0.3103



62.5031, 0.3313, 0.3463



62.5031, 0.2913, 0.3179

Square

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



62.5031, 0.3313, 0.3463



62.5031, 0.3014, 0.3373



62.5031, 0.2944, 0.3117



62.5031, 0.3240, 0.3209

Rectangle

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



62.5031, 0.3313, 0.3463



62.5031, 0.3158, 0.3468



62.5031, 0.2944, 0.3117



62.5031, 0.3093, 0.3120

Sweetspot

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



62.5059, 0.3313, 0.3463



97.5802, 0.3173, 0.3334



56.0704, 0.3255, 0.3175



20.7496, 0.3186, 0.3346



0.0000, 0.0000, 0.0000



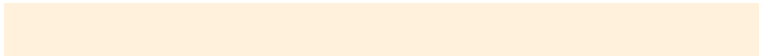
21.4041, 0.3127, 0.3290

Same Dimension

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



62.5059, 0.3313, 0.3463



89.1354, 0.3357, 0.3502



67.1045, 0.3280, 0.3576



13.6477, 0.3276, 0.3430



18.2447, 0.5111, 0.4324



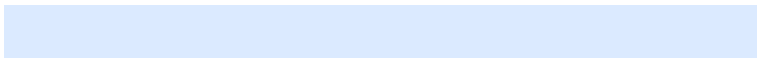
1.2604, 0.4910, 0.4483

Inverse Universe

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



57.8027, 0.2947, 0.3111



80.9332, 0.2906, 0.3068



53.6118, 0.2964, 0.2990



12.8158, 0.2982, 0.3146



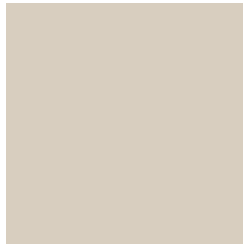
7.1099, 0.1687, 0.1273



0.5885, 0.1783, 0.1619

Previews

White Background



This preview shows how the Yxy color 62.5031, 0.3313, 0.3463 looks on a white background.

Color Contrast Check

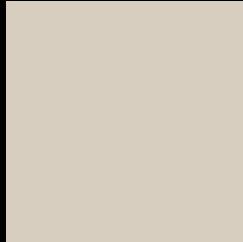
Large Text (above 18pt) WCAG AA × Fail

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 62.5031, 0.3313, 0.3463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

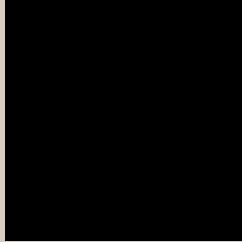
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

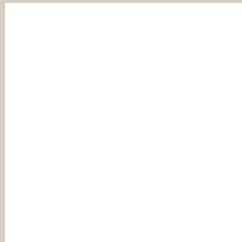
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.5031, 0.3313, 0.3463

Background



This preview shows how black text looks on a background with the Yxy color 62.5031, 0.3313, 0.3463.

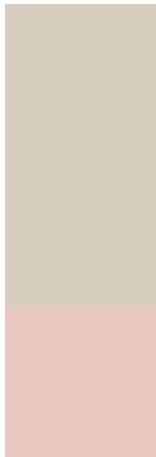


This preview shows how white text looks on a background with the Yxy color 62.5031, 0.3313, 0.3463.

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

62.5031, 0.3313, 0.3463

Protanopia

62.3513, 0.3305, 0.3463

Deuteranopia

62.4380, 0.3451, 0.3379



Tritanopia

62.5187, 0.3151, 0.3112

Trichromacy



Original Color

62.5031, 0.3313, 0.3463

Protanomaly

62.3513, 0.3305, 0.3463

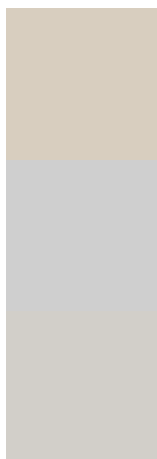
Deuteranomaly

62.3777, 0.3399, 0.3403

Tritanomaly

62.3260, 0.3215, 0.3234

Monochromacy



Original Color

62.5031, 0.3313, 0.3463

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.5443, 0.3192, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.5031, 0.3313, 0.3463 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(216, 206, 191)` looks like.

```
.text, #text, p{  
    color:rgb(216, 206, 191)  
}
```

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(216, 206, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 206, 191) }
```

Border

The CSS property to change the border of an element to Yxy 62.5031, 0.3313, 0.3463 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(216, 206, 191) }
```

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

```
.border{ border-color:rgb(216, 206, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 206, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 206, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 206, 191);  
box-shadow:4px 4px 4px 4px rgb(216, 206,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 62.5031, 0.3313, 0.3463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 206, 191) }
```

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

```
.background{ background-color: rgb(216,  
206, 191) }
```

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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