

Converting Colors

$Yxy(62.1953, 0.3266, 0.3452)$

Have a look what the booklet for
Yxy(62.1953, 0.3266, 0.3452)
contains.

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Color

Yxy(62.4730, 0.3265, 0.3452)

Conversions

Conversions Part 1

Format	Color
Hex	D4CFC1
RGB	212, 207, 193
RGB Percent	83%, 81%, 76%
CMY	0.1687, 0.1882, 0.2430
CMYK	0.00, 0.02, 0.09, 0.17
HSL	44°, 18%, 79%
HSV	44°, 9%, 83%
XYZ	59.0887, 62.4730, 59.4145
YIQ	206.8990, 7.4740, -3.2940

Conversions

Conversions Part 2

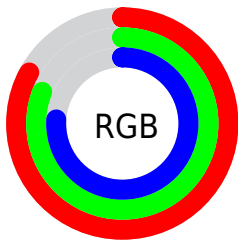
Format	Color
RYB	200, 212, 193
Decimal	13946817
CIELab	83.16, -0.70, 7.54
CIElCh	83, 7.572, 95.281
Yxy	62.4730, 0.3265, 0.3452
Android (android.graphics.Color)	4292136897 (0xFFD4CFC1)
YUV	206.8990, -6.8522, 4.4736
Hunter-Lab	79.0399, -4.8765, 10.7594

Details

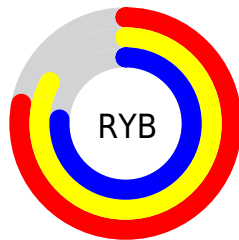
The Yxy color **62.4730, 0.3265, 0.3452** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.4859, 0.2990, 0.3123**, and the grayscale version is **62.3711, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6196, 0.3162, 0.3347**, and **31.8440, 0.3291, 0.3490** is the 20% darker color. If you saturate the color by 10%, you get **58.9469, 0.3432, 0.3641**, and if you desaturate by 10%, it is **66.2353, 0.3112, 0.3271**.

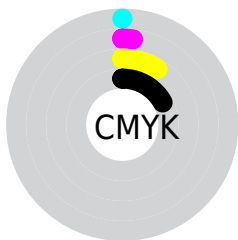
Distribution



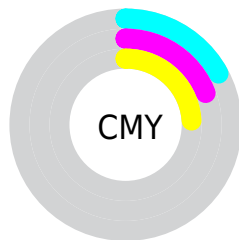
- Red (83%)
- Green (81%)
- Blue (76%)



- Red (78%)
- Yellow (83%)
- Blue (76%)



- Cyan (0%)
- Magenta (2%)
- Yellow (9%)
- Black (17%)



- Cyan (17%)
- Magenta (19%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.4730, 0.3265, 0.3452 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 62.4730, 0.3265, 0.3452 by changing the saturation by 10% instead.

■ 62.4730, 0.3265,
0.3452

■ 62.4730, 0.3265,
0.3452

433.6544, 0.3199,
0.3375

■ 45.4150, 0.3280,
0.3470

■ 108.4089, 0.3242,
0.3425

■ 31.7844, 0.3300,
0.3493

138.0555, 0.3233,
0.3414

■ 21.1969, 0.3325,
0.3522

172.6672, 0.3225,
0.3405

■ 13.2680, 0.3358,
0.3562

212.6282, 0.3219,
0.3398

■ 7.6134, 0.3404,
0.3617

258.3231, 0.3213,
0.3391

■ 3.8486, 0.3474,
0.3701

310.1361, 0.3208,

■ 1.5892, 0.3590,

0.3385

0.3841

368.4517, 0.3204,
0.3380

0.3503, 0.4742,
0.5258

0.0000, 0.0000,
0.0000

62.4730, 0.3265,
0.3452

62.4730, 0.3265,
0.3452

58.9469, 0.3432,
0.3641

66.2353, 0.3112,
0.3271

55.6419, 0.3611,
0.3833

70.2318, 0.2972,
0.3101

52.5539, 0.3799,
0.4023

74.3662, 0.2856,
0.2959

49.6750, 0.3990,
0.4203

77.4014, 0.2859,
0.3019

■ 46.9970, 0.4179,
0.4362

■ 80.5354, 0.2862,
0.3079

■ 44.5108, 0.4356,
0.4490

■ 83.7690, 0.2864,
0.3138

■ 42.2062, 0.4513,
0.4576

■ 87.1033, 0.2867,
0.3196

■ 40.0713, 0.4643,
0.4615

■ 90.5389, 0.2870,
0.3254

■ 38.0875, 0.4744,
0.4609

■ 92.7345, 0.2871,
0.3289

Harmonies

Analogous

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



62.4730, 0.3312, 0.3408



62.4730, 0.3265, 0.3452



62.4730, 0.3182, 0.3452

Triad

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



62.4730, 0.3265, 0.3452



62.4730, 0.2950, 0.3242



62.4730, 0.3168, 0.3177

Complementary

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



62.4730, 0.3265, 0.3452



56.4859, 0.2990, 0.3123

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.



62.4730, 0.3071, 0.3134



62.4730, 0.3265, 0.3452



62.4730, 0.2946, 0.3169

Square

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



62.4730, 0.3265, 0.3452



62.4730, 0.3000, 0.3330



62.4730, 0.2990, 0.3130



62.4730, 0.3255, 0.3250

Rectangle

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



62.4730, 0.3265, 0.3452



62.4730, 0.3117, 0.3427



62.4730, 0.2990, 0.3130



62.4730, 0.3135, 0.3159

Sweetspot

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



62.4757, 0.3265, 0.3452



98.2424, 0.3173, 0.3344



56.2301, 0.3243, 0.3231



20.9286, 0.3185, 0.3359



0.0000, 0.0000, 0.0000



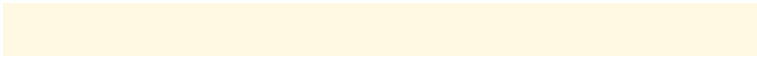
21.4041, 0.3127, 0.3290

Same Dimension

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



62.4757, 0.3265, 0.3452



93.7147, 0.3300, 0.3493



64.2764, 0.3225, 0.3510



13.9425, 0.3273, 0.3461



23.5625, 0.4744, 0.4615



1.5526, 0.4628, 0.4707

Inverse Universe

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



56.4859, 0.2990, 0.3123



82.5672, 0.2954, 0.3079



54.8388, 0.3023, 0.3064



12.5336, 0.2982, 0.3113



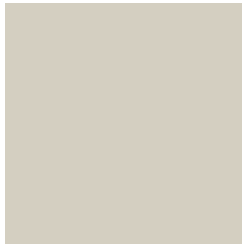
4.8000, 0.1590, 0.0923



0.4252, 0.1685, 0.1264

Previews

White Background



This preview shows how the Yxy color 62.4730, 0.3265, 0.3452 looks on a white background.

Color Contrast Check

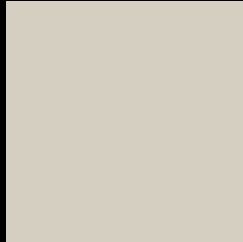
Large Text (above 18pt) WCAG AA × Fail

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 62.4730, 0.3265, 0.3452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

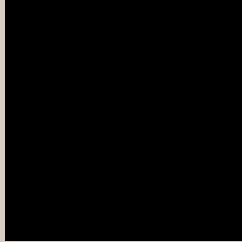
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

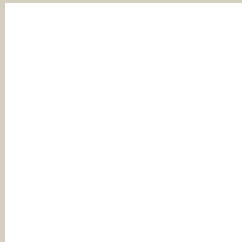
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.4730, 0.3265, 0.3452

Background



This preview shows how black text looks on a background with the Yxy color 62.4730, 0.3265, 0.3452.

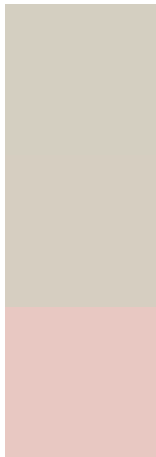


This preview shows how white text looks on a background with the Yxy color 62.4730, 0.3265, 0.3452.

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

62.4730, 0.3265, 0.3452

Protanopia

62.2890, 0.3282, 0.3440

Deuteranopia

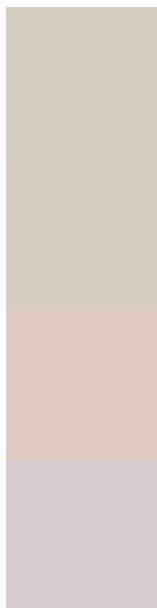
62.3594, 0.3428, 0.3357



Tritanopia

62.4253, 0.3113, 0.3111

Trichromacy



Original Color

62.4730, 0.3265, 0.3452

Protanomaly

62.1390, 0.3274, 0.3441

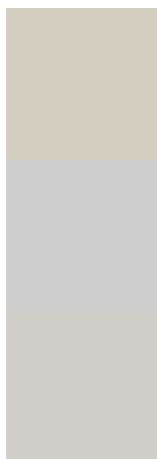
Deuteranomaly

62.6145, 0.3366, 0.3392

Tritanomaly

62.2859, 0.3169, 0.3222

Monochromacy



Original Color

62.4730, 0.3265, 0.3452

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.4452, 0.3178, 0.3348

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.4730, 0.3265, 0.3452 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(212, 207, 193)` looks like.

```
.text, #text, p{  
    color:rgb(212, 207, 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(212, 207, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 207, 193) }
```

Border

The CSS property to change the border of an element to Yxy 62.4730, 0.3265, 0.3452 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(212, 207, 193) }
```

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

```
.border{ border-color:rgb(212, 207, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 207, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 207, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 207, 193);  
box-shadow:4px 4px 4px 4px rgb(212, 207,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 62.4730, 0.3265, 0.3452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 207, 193) }
```

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

```
.background{ background-color: rgb(212,  
207, 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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