

Converting Colors

$Yxy(62.7637, 0.3326, 0.3562)$

Have a look what the booklet for
Yxy(62.7637, 0.3326, 0.3562)
contains.

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Color

Yxy(62.6116, 0.3322, 0.3558)

Conversions

Conversions Part 1

Format	Color
Hex	D4D0B9
RGB	212, 208, 185
RGB Percent	83%, 82%, 73%
CMY	0.1687, 0.1843, 0.2745
CMYK	0.00, 0.02, 0.13, 0.17
HSL	51°, 24%, 78%
HSV	51°, 13%, 83%
XYZ	58.4586, 62.6116, 54.9039
YIQ	206.5740, 9.7670, -6.3050

Conversions

Conversions Part 2

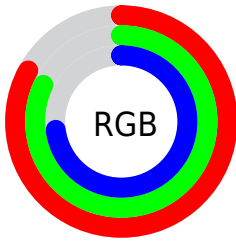
Format	Color
RYB	190, 212, 185
Decimal	13947065
CIELab	83.24, -2.54, 11.91
CIELCh	83, 12.178, 102.015
Yxy	62.6116, 0.3322, 0.3558
Android (android.graphics.Color)	4292137145 (0xFFD4D0B9)
YUV	206.5740, -10.6360, 4.7586
Hunter-Lab	79.1275, -6.5991, 14.2499

Details

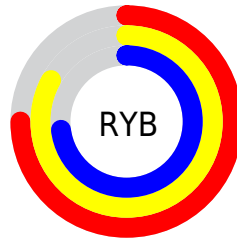
The Yxy color **62.6116, 0.3322, 0.3558** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.4465, 0.2927, 0.3007**, and the grayscale version is **62.1730, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1309, 0.3209, 0.3425**, and **31.9452, 0.3366, 0.3630** is the 20% darker color. If you saturate the color by 10%, you get **60.2816, 0.3485, 0.3776**, and if you desaturate by 10%, it is **65.1104, 0.3167, 0.3346**.

Distribution



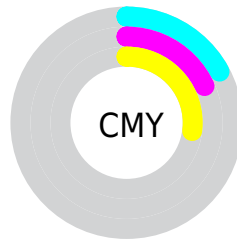
- Red (83%)
- Green (82%)
- Blue (73%)



- Red (75%)
- Yellow (83%)
- Blue (73%)



- Cyan (0%)
- Magenta (2%)
- Yellow (13%)
- Black (17%)





- Cyan (17%)
- Magenta (18%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.6116, 0.3322, 0.3558 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 62.6116, 0.3322, 0.3558 by changing the saturation by 10% instead.

 62.6116, 0.3322,
0.3558

 62.6116, 0.3322,
0.3558


434.1585, 0.3230,
0.3430

 45.5271, 0.3344,
0.3588


 108.6090, 0.3290,
0.3513

 31.8728, 0.3371,
0.3626

138.2906, 0.3277,
0.3495

 21.2643, 0.3405,
0.3675


172.9401, 0.3266,
0.3481

 13.3174, 0.3451,
0.3741

212.9417, 0.3257,
0.3468

 7.6475, 0.3515,
0.3833

258.6800, 0.3249,
0.3456

 3.8702, 0.3608,
0.3972

310.5393, 0.3242,

 1.6012, 0.3772,

0.3447

0.4218

368.9040, 0.3235,
0.3438

0.3584, 0.4375,
0.5625

0.0000, 0.0000,
0.0000

62.6116, 0.3322,
0.3558

62.6116, 0.3322,
0.3558

60.2816, 0.3485,
0.3776

65.1104, 0.3167,
0.3346

58.1060, 0.3653,
0.3994

67.7755, 0.3023,
0.3144

56.0811, 0.3820,
0.4204

70.6148, 0.2891,
0.2955

54.1999, 0.3982,
0.4396

72.6439, 0.2854,
0.2924

■ 52.4547, 0.4132,
0.4562

■ 74.2977, 0.2856,
0.2958

■ 50.8369, 0.4261,
0.4691

■ 75.9822, 0.2857,
0.2991

■ 49.3364, 0.4365,
0.4777

■ 77.6974, 0.2859,
0.3025

■ 47.9415, 0.4440,
0.4817

■ 79.4435, 0.2860,
0.3058

■ 46.9781, 0.4481,
0.4824

■ 81.2208, 0.2862,
0.3091

Harmonies

Analogous

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



62.6116, 0.3414, 0.3499



62.6116, 0.3322, 0.3558



62.6116, 0.3179, 0.3543

Triad

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



62.6116, 0.3322, 0.3558



62.6116, 0.2836, 0.3181



62.6116, 0.3226, 0.3133

Complementary

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



62.6116, 0.3322, 0.3558



51.4465, 0.2927, 0.3007

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.



62.6116, 0.3070, 0.3052



62.6116, 0.3322, 0.3558



62.6116, 0.2847, 0.3076

Square

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



62.6116, 0.3322, 0.3558



62.6116, 0.2900, 0.3321



62.6116, 0.2932, 0.3030



62.6116, 0.3358, 0.3254

Rectangle

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



62.6116, 0.3322, 0.3558



62.6116, 0.3075, 0.3492



62.6116, 0.2932, 0.3030



62.6116, 0.3175, 0.3100

Sweetspot

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



62.6144, 0.3322, 0.3558



98.4084, 0.3187, 0.3374



52.3687, 0.3324, 0.3243



21.0004, 0.3199, 0.3389



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.



62.6144, 0.3322, 0.3558



94.2451, 0.3361, 0.3611



63.2081, 0.3243, 0.3610



14.1946, 0.3270, 0.3487



29.1251, 0.4476, 0.4828



1.8433, 0.4420, 0.4873

Inverse Universe

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



51.4465, 0.2927, 0.3007



74.3712, 0.2886, 0.2948



50.9794, 0.3000, 0.2965



12.3000, 0.2982, 0.3085



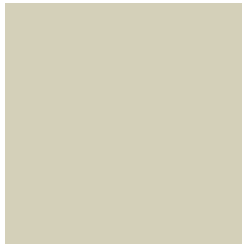
3.6336, 0.1535, 0.0726



0.3152, 0.1609, 0.0991

Previews

White Background



This preview shows how the Yxy color 62.6116, 0.3322, 0.3558 looks on a white background.

Color Contrast Check

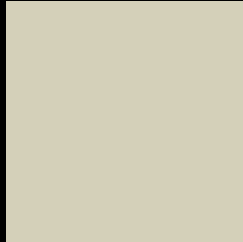
Large Text (above 18pt) WCAG AA × Fail

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 62.6116, 0.3322, 0.3558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

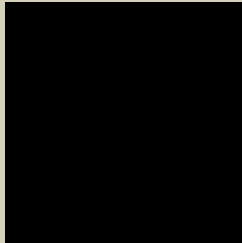
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

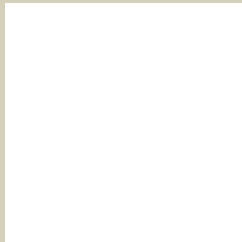
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.6116, 0.3322, 0.3558

Background



This preview shows how black text looks on a background with the Yxy color 62.6116, 0.3322, 0.3558.



This preview shows how white text looks on a background with the Yxy color 62.6116, 0.3322, 0.3558.

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

62.6116, 0.3322, 0.3558

Protanopia

62.6853, 0.3363, 0.3556

Deuteranopia

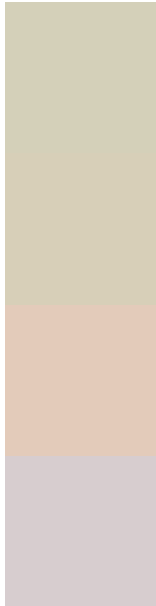
62.5586, 0.3507, 0.3434



Tritanopia

62.5781, 0.3120, 0.3111

Trichromacy



Original Color

62.6116, 0.3322, 0.3558

Protanomaly

62.5334, 0.3355, 0.3556

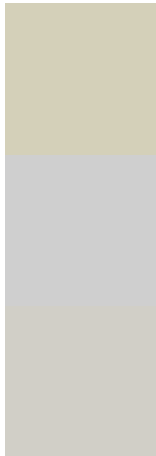
Deuteranomaly

62.5879, 0.3443, 0.3482

Tritanomaly

62.6147, 0.3189, 0.3267

Monochromacy



Original Color

62.6116, 0.3322, 0.3558

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.3045, 0.3199, 0.3383

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.6116, 0.3322, 0.3558 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, 208, 185)` looks like.

```
.text, #text, p{  
    color:rgb(212, 208, 185)  
}
```

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, 208, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 208, 185) }
```

Border

The CSS property to change the border of an element to Yxy 62.6116, 0.3322, 0.3558 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, 208, 185) }
```

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

```
.border{ border-color:rgb(212, 208, 185) }
```

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

Here you see how a box with a 4 pixel rgb(212, 208, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 208, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 208, 185);  
box-shadow:4px 4px 4px 4px rgb(212, 208,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 62.6116, 0.3322, 0.3558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 208, 185) }
```

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

```
.background{ background-color: rgb(212,  
208, 185) }
```

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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