

Converting Colors

Yxy(62.7593, 0.3348, 0.3480)

Have a look what the booklet for
Yxy(62.7593, 0.3348, 0.3480)
contains.

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Color

Yxy(62.8768, 0.3351, 0.3485)

Conversions

Conversions Part 1

Format	Color
Hex	DBCEBD
RGB	219, 206, 189
RGB Percent	86%, 81%, 74%
CMY	0.1413, 0.1921, 0.2589
CMYK	0.00, 0.06, 0.14, 0.14
HSL	34°, 29%, 80%
HSV	34°, 14%, 86%
XYZ	60.4592, 62.8768, 57.0853
YIQ	207.9490, 13.2050, -2.5310

Conversions

Conversions Part 2

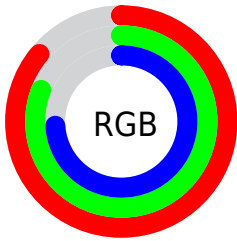
Format	Color
R _Y B	212, 219, 189
Decimal	14405309
CIE Lab	83.38, 1.66, 10.07
CIE LCh	83, 10.207, 80.652
Yxy	62.8768, 0.3351, 0.3485
Android (android.graphics.Color)	4292595389 (0xFFDBCEBD)
YUV	207.9490, -9.3419, 9.6917
Hunter-Lab	79.2949, -2.6670, 12.8229

Details

The Yxy color **62.8768, 0.3351, 0.3485** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.1346, 0.2913, 0.3087**, and the grayscale version is **63.0948, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3726, 0.3185, 0.3386**, and **32.1266, 0.3406, 0.3532** is the 20% darker color. If you saturate the color by 10%, you get **57.5840, 0.3539, 0.3635**, and if you desaturate by 10%, it is **68.5924, 0.3184, 0.3341**.

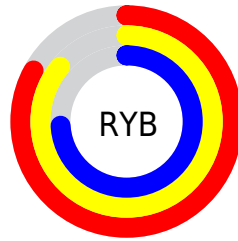
Distribution



Red (86%)

Green (81%)

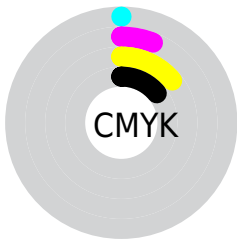
Blue (74%)



Red (83%)

Yellow (86%)

Blue (74%)

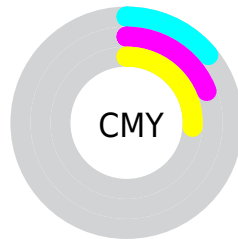


Cyan (0%)

Magenta (6%)

Yellow (14%)

Black (14%)



Cyan (14%)


Magenta (19%)

Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.8768, 0.3351, 0.3485 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 62.8768, 0.3351, 0.3485 by changing the saturation by 10% instead.


 62.8768, 0.3351,
0.3485

 62.8768, 0.3351,
0.3485


435.1222, 0.3244,
0.3393

 45.7415, 0.3376,
0.3507


 108.9918, 0.3313,
0.3453

 32.0419, 0.3408,
0.3533

138.7402, 0.3299,
0.3440

 21.3935, 0.3448,
0.3568


173.4619, 0.3287,
0.3429

 13.4120, 0.3502,
0.3614

213.5412, 0.3276,
0.3420

 7.7128, 0.3578,
0.3678

259.3625, 0.3267,
0.3412

 3.9117, 0.3691,
0.3772

311.3102, 0.3258,

 1.6243, 0.3879,

0.3405

369.7686, 0.3251,
0.3398

0.3925

0.3739, 0.5143,
0.4857

0.0000, 0.0000,
0.0000

62.8768, 0.3351,
0.3485

62.8768, 0.3351,
0.3485

57.5840, 0.3539,
0.3635

68.5924, 0.3184,
0.3341

52.6945, 0.3747,
0.3788

74.7331, 0.3036,
0.3206

48.1992, 0.3974,
0.3937

81.3119, 0.2906,
0.3080

44.0856, 0.4215,
0.4074

86.8706, 0.2907,
0.3175

■ 40.3404, 0.4462,
0.4187

■ 92.6998, 0.2911,
0.3272

■ 36.9487, 0.4704,
0.4265

■ 93.7936, 0.2911,
0.3289

■ 33.8945, 0.4926,
0.4296

■ 31.1590, 0.5117,
0.4272

■ 29.5802, 0.5222,
0.4236

Harmonies

Analogous

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



62.8768, 0.3382, 0.3402



62.8768, 0.3351, 0.3485



62.8768, 0.3259, 0.3517

Triad

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



62.8768, 0.3351, 0.3485



62.8768, 0.2915, 0.3282



62.8768, 0.3117, 0.3105

Complementary

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



62.8768, 0.3351, 0.3485



58.1346, 0.2913, 0.3087

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.



62.8768, 0.2993, 0.3071



62.8768, 0.3351, 0.3485



62.8768, 0.2879, 0.3170

Square

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



62.8768, 0.3351, 0.3485



62.8768, 0.3008, 0.3398



62.8768, 0.2907, 0.3094



62.8768, 0.3246, 0.3185

Rectangle

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



62.8768, 0.3351, 0.3485



62.8768, 0.3177, 0.3503



62.8768, 0.2907, 0.3094



62.8768, 0.3074, 0.3088

Sweetspot

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



62.8796, 0.3351, 0.3485



96.5833, 0.3189, 0.3346



55.7059, 0.3274, 0.3142



20.5376, 0.3201, 0.3357



0.0000, 0.0000, 0.0000



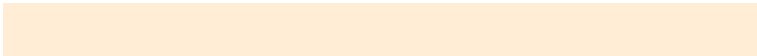
21.4041, 0.3127, 0.3290

Same Dimension

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



62.8796, 0.3351, 0.3485



86.9188, 0.3395, 0.3521



69.0603, 0.3316, 0.3629



14.2737, 0.3277, 0.3423



17.7687, 0.5202, 0.4251



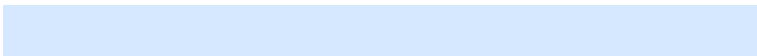
1.3212, 0.4993, 0.4417

Inverse Universe

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



58.1346, 0.2913, 0.3087



79.1535, 0.2874, 0.3047



52.5759, 0.2924, 0.2931



13.5370, 0.2982, 0.3154



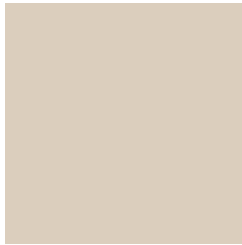
8.0444, 0.1713, 0.1366



0.6902, 0.1801, 0.1685

Previews

White Background



This preview shows how the Yxy color 62.8768, 0.3351, 0.3485 looks on a white background.

Color Contrast Check

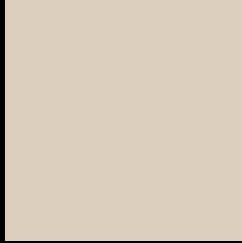
Large Text (above 18pt) WCAG AA × Fail

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 62.8768, 0.3351, 0.3485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

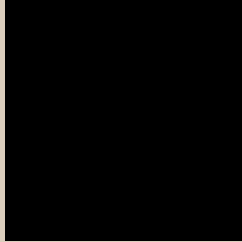
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

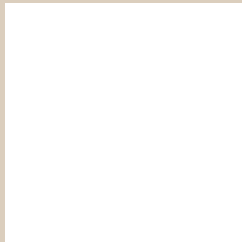
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.8768, 0.3351, 0.3485

Background



This preview shows how black text looks on a background with the Yxy color 62.8768, 0.3351, 0.3485.



This preview shows how white text looks on a background with the Yxy color 62.8768, 0.3351, 0.3485.

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

62.8768, 0.3351, 0.3485

Protanopia

62.9423, 0.3319, 0.3486

Deuteranopia

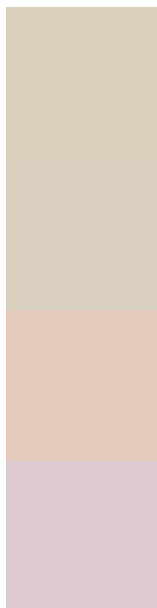
62.5187, 0.3475, 0.3401



Tritanopia

62.9910, 0.3174, 0.3114

Trichromacy



Original Color

62.8768, 0.3351, 0.3485

Protanomaly

63.0951, 0.3327, 0.3485

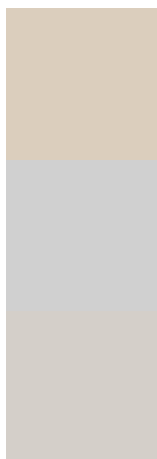
Deuteranomaly

62.6168, 0.3431, 0.3425

Tritanomaly

62.7465, 0.3245, 0.3246

Monochromacy



Original Color

62.8768, 0.3351, 0.3485

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.8397, 0.3208, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.8768, 0.3351, 0.3485 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(219, 206, 189)` looks like.

```
.text, #text, p{  
    color:rgb(219, 206, 189)  
}
```

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(219, 206, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 206, 189) }
```

Border

The CSS property to change the border of an element to Yxy 62.8768, 0.3351, 0.3485 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(219, 206, 189) }
```

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

```
.border{ border-color:rgb(219, 206, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 206, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 206, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 206, 189);  
box-shadow:4px 4px 4px 4px rgb(219, 206,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 62.8768, 0.3351, 0.3485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 206, 189) }
```

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

```
.background{ background-color: rgb(219,  
206, 189) }
```

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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