

Converting Colors

Yxy(63.4341, 0.3330, 0.3487)

Have a look what the booklet for
Yxy(63.4341, 0.3330, 0.3487)
contains.

Yxy(63.2488, 0.3334, 0.3485)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(63.2488, 0.3334, 0.3485)

Conversions

Conversions Part 1

Format	Color
Hex	DACFBE
RGB	218, 207, 190
RGB Percent	85%, 81%, 75%
CMY	0.1453, 0.1881, 0.2549
CMYK	0.00, 0.05, 0.13, 0.15
HSL	37°, 27%, 80%
HSV	37°, 13%, 85%
XYZ	60.5083, 63.2488, 57.7315
YIQ	208.3510, 12.0130, -2.9550

Conversions

Conversions Part 2

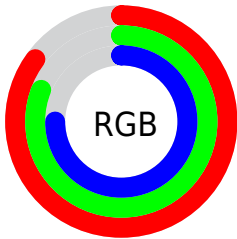
Format	Color
R_{YB}	208, 218, 190
Decimal	14340030
CIE _{Lab}	83.57, 0.93, 9.80
CIE _{LCh}	84, 9.846, 84.572
Yxy	63.2488, 0.3334, 0.3485
Android (android.graphics.Color)	4292530110 (0xFFDACFBE)
YUV	208.3510, -9.0470, 8.4622
Hunter-Lab	79.5291, -3.3674, 12.6308

Details

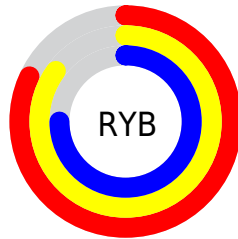
The Yxy color **63.2488, 0.3334, 0.3485** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.7427, 0.2927, 0.3087**, and the grayscale version is **63.3675, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4338, 0.3179, 0.3376**, and **32.3751, 0.3383, 0.3532** is the 20% darker color. If you saturate the color by 10%, you get **58.3510, 0.3516, 0.3645**, and if you desaturate by 10%, it is **68.5174, 0.3170, 0.3332**.

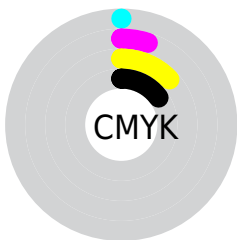
Distribution



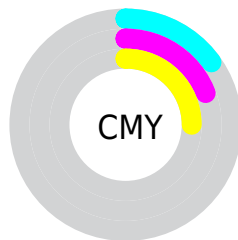
- Red (85%)
- Green (81%)
- Blue (75%)



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



- Cyan (0%)
- Magenta (5%)
- Yellow (13%)
- Black (15%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.2488, 0.3334, 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 63.2488, 0.3334, 0.3485 by changing the saturation by 10% instead.

 63.2488, 0.3334,
0.3485

 63.2488, 0.3334,
0.3485


436.4719, 0.3236,
0.3393

 46.0425, 0.3357,
0.3507


 109.5284, 0.3299,
0.3453

 32.2794, 0.3386,
0.3534


139.3705, 0.3286,
0.3440

 21.5750, 0.3423,
0.3568


174.1933, 0.3275,
0.3429

 13.5449, 0.3473,
0.3614

214.3812, 0.3265,
0.3420

 7.8049, 0.3542,
0.3679

260.3186, 0.3256,
0.3412

 3.9703, 0.3646,
0.3774

312.3899, 0.3249,

 1.6570, 0.3817,

0.3405

0.3929

370.9795, 0.3242,
0.3398

■ 0.3956, 0.5020,
0.4980

■ 0.0000, 0.0000,
0.0000

■ 63.2488, 0.3334,
0.3485

■ 63.2488, 0.3334,
0.3485

■ 58.3510, 0.3516,
0.3645

■ 68.5174, 0.3170,
0.3332

■ 53.8059, 0.3717,
0.3808

■ 74.1578, 0.3024,
0.3187

■ 49.6059, 0.3934,
0.3967

■ 80.1571, 0.2897,
0.3057

■ 45.7401, 0.4162,
0.4114

■ 85.0858, 0.2900,
0.3146

■ 42.1965, 0.4393,
0.4238

■ 90.2504, 0.2904,
0.3235

■ 38.9623, 0.4617,
0.4328

■ 93.6374, 0.2905,
0.3289

■ 36.0231, 0.4822,
0.4372

■ 33.3621, 0.4996,
0.4363

■ 31.6068, 0.5103,
0.4330

Harmonies

Analogous

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



63.2488, 0.3373, 0.3411



63.2488, 0.3334, 0.3485



63.2488, 0.3240, 0.3508

Triad

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



63.2488, 0.3334, 0.3485



63.2488, 0.2915, 0.3267



63.2488, 0.3134, 0.3119

Complementary

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



63.2488, 0.3334, 0.3485



57.7427, 0.2927, 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.



63.2488, 0.3013, 0.3081



63.2488, 0.3334, 0.3485



63.2488, 0.2888, 0.3163

Square

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



63.2488, 0.3334, 0.3485



63.2488, 0.2998, 0.3381



63.2488, 0.2923, 0.3096



63.2488, 0.3256, 0.3201

Rectangle

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



63.2488, 0.3334, 0.3485



63.2488, 0.3159, 0.3489



63.2488, 0.2923, 0.3096



63.2488, 0.3092, 0.3101

Sweetspot

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



63.2516, 0.3334, 0.3485



96.8430, 0.3189, 0.3350



55.9483, 0.3271, 0.3162



20.6034, 0.3201, 0.3361



0.0000, 0.0000, 0.0000



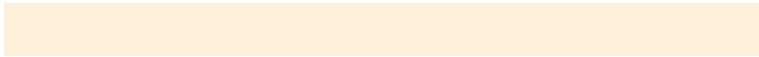
21.4041, 0.3127, 0.3290

Same Dimension

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



63.2516, 0.3334, 0.3485



88.6061, 0.3374, 0.3521



68.3034, 0.3297, 0.3608



14.3649, 0.3276, 0.3432



19.1608, 0.5086, 0.4343



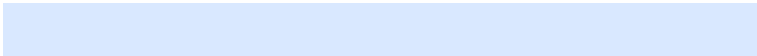
1.4071, 0.4902, 0.4489

Inverse Universe

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



57.7427, 0.2927, 0.3087



79.4782, 0.2890, 0.3047



53.1948, 0.2945, 0.2956



13.4478, 0.2981, 0.3144



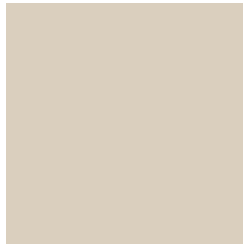
7.1398, 0.1679, 0.1244



0.6272, 0.1770, 0.1571

Previews

White Background



This preview shows how the Yxy color 63.2488, 0.3334, 0.3485 looks on a white background.

Color Contrast Check

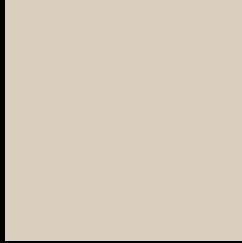
Large Text (above 18pt) WCAG AA × Fail

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 63.2488, 0.3334, 0.3485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

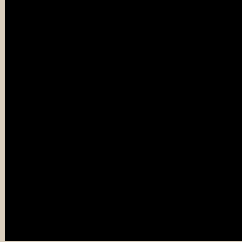
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

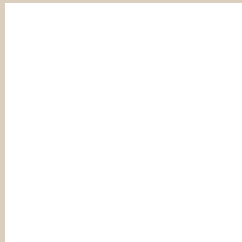
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.2488, 0.3334, 0.3485

Background



This preview shows how black text looks on a background with the Yxy color 63.2488, 0.3334, 0.3485.



This preview shows how white text looks on a background with the Yxy color 63.2488, 0.3334, 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

63.2488, 0.3334, 0.3485

Protanopia

63.4284, 0.3317, 0.3497

Deuteranopia

63.1970, 0.3474, 0.3401



Tritanopia

63.3559, 0.3158, 0.3114

Trichromacy



Original Color

63.2488, 0.3334, 0.3485

Protanomaly

63.5812, 0.3325, 0.3496

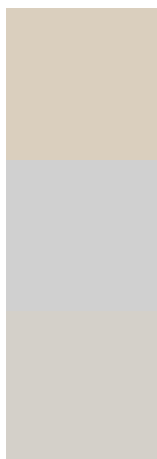
Deuteranomaly

63.1315, 0.3421, 0.3424

Tritanomaly

63.1119, 0.3229, 0.3246

Monochromacy



Original Color

63.2488, 0.3334, 0.3485

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.3258, 0.3207, 0.3371

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.2488, 0.3334, 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(218, 207, 190)` looks like.

```
.text, #text, p{  
    color:rgb(218, 207, 190)  
}
```

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(218, 207, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 207, 190) }
```

Border

The CSS property to change the border of an element to Yxy 63.2488, 0.3334, 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(218, 207, 190) }
```

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

```
.border{ border-color:rgb(218, 207, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 207, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 207, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 207, 190);  
box-shadow:4px 4px 4px 4px rgb(218, 207,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 63.2488, 0.3334, 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(218, 207, 190) }
```

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

```
.background{ background-color: rgb(218,  
207, 190) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor