

Converting Colors

$Yxy(64.5740, 0.3328, 0.3466)$

Have a look what the booklet for
Yxy(64.5740, 0.3328, 0.3466)
contains.

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Color

Yxy(64.6668, 0.3325, 0.3472)

Conversions

Conversions Part 1

Format	Color
Hex	DCD1C1
RGB	220, 209, 193
RGB Percent	86%, 82%, 76%
CMY	0.1374, 0.1803, 0.2432
CMYK	0.00, 0.05, 0.12, 0.14
HSL	36°, 28%, 81%
HSV	36°, 12%, 86%
XYZ	61.9289, 64.6668, 59.6566
YIQ	210.4650, 11.6920, -2.6440

Conversions

Conversions Part 2

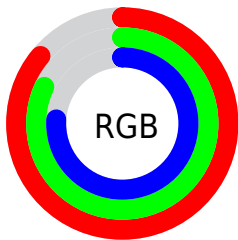
Format	Color
R _Y B	212, 220, 193
Decimal	14471617
CIE Lab	84.31, 1.09, 9.30
CIE LCh	84, 9.360, 83.326
Yxy	64.6668, 0.3325, 0.3472
Android (android.graphics.Color)	4292661697 (0xFFDCD1C1)
YUV	210.4650, -8.6102, 8.3622
Hunter-Lab	80.4157, -3.2628, 12.3065

Details

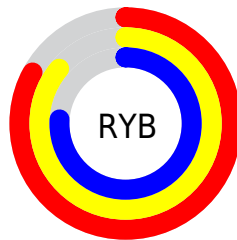
The Yxy color **64.6668, 0.3325, 0.3472** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.6432, 0.2936, 0.3101**, and the grayscale version is **64.8194, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6196, 0.3162, 0.3347**, and **33.3061, 0.3380, 0.3529** is the 20% darker color. If you saturate the color by 10%, you get **59.5068, 0.3508, 0.3628**, and if you desaturate by 10%, it is **70.2233, 0.3162, 0.3323**.

Distribution



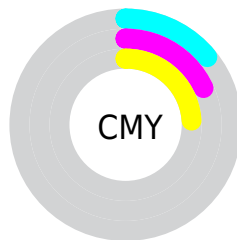
- Red (86%)
- Green (82%)
- Blue (76%)



- Red (83%)
- Yellow (86%)
- Blue (76%)



- Cyan (0%)
- Magenta (5%)
- Yellow (12%)
- Black (14%)



- Cyan (14%)
- Magenta (18%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.6668, 0.3325, 0.3472 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 64.6668, 0.3325, 0.3472 by changing the saturation by 10% instead.

■ 64.6668, 0.3325,
0.3472

■ 64.6668, 0.3325,
0.3472

441.5936, 0.3231,
0.3386

■ 47.1909, 0.3347,
0.3492

■ 111.5707, 0.3292,
0.3442

■ 33.1866, 0.3374,
0.3517

141.7675, 0.3279,
0.3430

■ 22.2695, 0.3410,
0.3549

176.9734, 0.3269,
0.3420

■ 14.0550, 0.3456,
0.3591

217.5729, 0.3259,
0.3412

■ 8.1589, 0.3522,
0.3650

263.9502, 0.3251,
0.3404

■ 4.1968, 0.3619,
0.3737

316.4899, 0.3244,

■ 1.7843, 0.3778,

0.3397

0.3877

375.5762, 0.3237,
0.3392

0.4773, 0.5015,
0.4985

0.0000, 0.0000,
0.0000

64.6668, 0.3325,
0.3472

64.6668, 0.3325,
0.3472

59.5068, 0.3508,
0.3628

70.2233, 0.3162,
0.3323

54.7243, 0.3710,
0.3787

76.1776, 0.3017,
0.3182

50.3112, 0.3928,
0.3944

82.2841, 0.2911,
0.3091

46.2559, 0.4160,
0.4089

87.5393, 0.2914,
0.3184

■ 42.5458, 0.4397,
0.4212

■ 93.0542, 0.2917,
0.3275

■ 39.1674, 0.4629,
0.4301

■ 93.9486, 0.2917,
0.3289

■ 36.1054, 0.4842,
0.4344

■ 33.3425, 0.5025,
0.4335

■ 31.3910, 0.5145,
0.4297

Harmonies

Analogous

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



64.6668, 0.3359, 0.3400



64.6668, 0.3325, 0.3472



64.6668, 0.3238, 0.3496

Triad

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



64.6668, 0.3325, 0.3472



64.6668, 0.2929, 0.3273



64.6668, 0.3129, 0.3126

Complementary

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



64.6668, 0.3325, 0.3472



59.6432, 0.2936, 0.3101

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.



64.6668, 0.3015, 0.3092



64.6668, 0.3325, 0.3472



64.6668, 0.2901, 0.3174

Square

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



64.6668, 0.3325, 0.3472



64.6668, 0.3009, 0.3380



64.6668, 0.2932, 0.3108



64.6668, 0.3244, 0.3202

Rectangle

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



64.6668, 0.3325, 0.3472



64.6668, 0.3162, 0.3480



64.6668, 0.2932, 0.3108



64.6668, 0.3089, 0.3109

Sweetspot

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



64.6697, 0.3325, 0.3472



96.7512, 0.3189, 0.3348



57.7092, 0.3260, 0.3163



20.5801, 0.3201, 0.3360



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.



64.6697, 0.3325, 0.3472



88.2819, 0.3375, 0.3516



69.8722, 0.3293, 0.3593



14.3326, 0.3277, 0.3429



18.6554, 0.5127, 0.4311



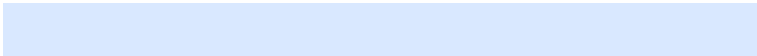
1.3761, 0.4934, 0.4464

Inverse Universe

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



59.6432, 0.2936, 0.3101



79.7885, 0.2890, 0.3053



54.9277, 0.2950, 0.2971



13.4793, 0.2982, 0.3147



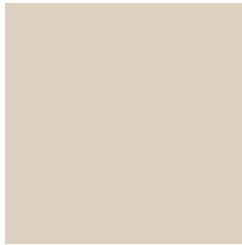
7.4474, 0.1691, 0.1286



0.6489, 0.1781, 0.1611

Previews

White Background



This preview shows how the Yxy color 64.6668, 0.3325, 0.3472 looks on a white background.

Color Contrast Check

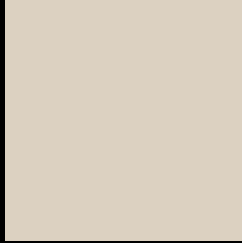
Large Text (above 18pt) WCAG AA × Fail

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 64.6668, 0.3325, 0.3472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

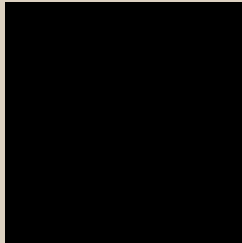
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

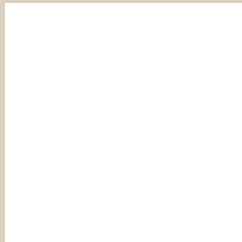
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.6668, 0.3325, 0.3472

Background



This preview shows how black text looks on a background with the Yxy color 64.6668, 0.3325, 0.3472.

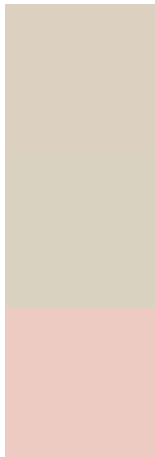


This preview shows how white text looks on a background with the Yxy color 64.6668, 0.3325, 0.3472.

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

64.6668, 0.3325, 0.3472

Protanopia

64.8489, 0.3308, 0.3484

Deuteranopia

64.6114, 0.3463, 0.3389



Tritanopia

64.7304, 0.3158, 0.3115

Trichromacy



Original Color

64.6668, 0.3325, 0.3472

Protanomaly

65.0035, 0.3316, 0.3483

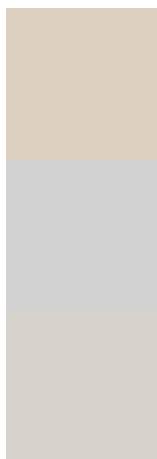
Deuteranomaly

64.5466, 0.3411, 0.3412

Tritanomaly

64.5337, 0.3221, 0.3235

Monochromacy



Original Color

64.6668, 0.3325, 0.3472

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.7490, 0.3199, 0.3358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.6668, 0.3325, 0.3472 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(220, 209, 193)` looks like.

```
.text, #text, p{  
    color:rgb(220, 209, 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(220, 209, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 209, 193) }
```

Border

The CSS property to change the border of an element to Yxy 64.6668, 0.3325, 0.3472 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(220, 209, 193) }
```

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

```
.border{ border-color:rgb(220, 209, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 209, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 209, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 209, 193);  
box-shadow:4px 4px 4px 4px rgb(220, 209,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 64.6668, 0.3325, 0.3472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 209, 193) }
```

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

```
.background{ background-color: rgb(220,  
209, 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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