

Converting Colors

Yxy(67.1126, 0.3257, 0.3381)

Have a look what the booklet for
Yxy(67.1126, 0.3257, 0.3381)
contains.

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Color

Yxy(66.9762, 0.3258, 0.3379)

Conversions

Conversions Part 1

Format	Color
Hex	DED4CC
RGB	222, 212, 204
RGB Percent	87%, 83%, 80%
CMY	0.1292, 0.1687, 0.1999
CMYK	0.00, 0.05, 0.08, 0.13
HSL	27°, 21%, 84%
HSV	27°, 8%, 87%
XYZ	64.5778, 66.9762, 66.6591
YIQ	214.0780, 8.5280, -0.3680

Conversions

Conversions Part 2

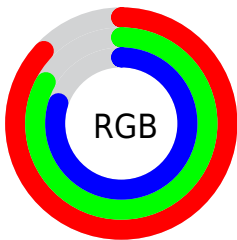
Format	Color
RYB	222, 218, 204
Decimal	14603468
CIELab	85.49, 2.09, 5.16
CIElCh	85, 5.572, 67.915
Yxy	66.9762, 0.3258, 0.3379
Android (android.graphics.Color)	4292793548 (0xFFDED4CC)
YUV	214.0780, -4.9685, 6.9476
Hunter-Lab	81.8390, -2.3668, 8.9947

Details

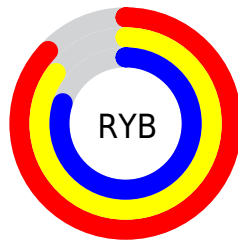
The Yxy color **66.9762, 0.3258, 0.3379** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.2434, 0.3002, 0.3199**, and the grayscale version is **67.3358, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.5314, 0.3291, 0.3393** is the 20% darker color. If you saturate the color by 10%, you get **60.0337, 0.3442, 0.3495**, and if you desaturate by 10%, it is **74.5512, 0.3099, 0.3270**.

Distribution



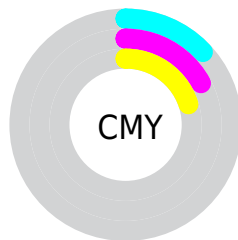
- Red (87%)
- Green (83%)
- Blue (80%)



- Red (87%)
- Yellow (85%)
- Blue (80%)



- Cyan (0%)
- Magenta (5%)
- Yellow (8%)
- Black (13%)



- Cyan (13%)
- Magenta (17%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.9762, 0.3258, 0.3379 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 66.9762, 0.3258, 0.3379 by changing the saturation by 10% instead.

■ 66.9762, 0.3258,
0.3379

■ 66.9762, 0.3258,
0.3379

449.8601, 0.3196,
0.3337

■ 49.0653, 0.3272,
0.3389

114.8863, 0.3236,
0.3365

■ 34.6713, 0.3290,
0.3401

145.6543, 0.3228,
0.3359

■ 23.4098, 0.3313,
0.3416

181.4768, 0.3221,
0.3354

■ 14.8964, 0.3344,
0.3436

222.7381, 0.3215,
0.3350

■ 8.7467, 0.3386,
0.3463

269.8227, 0.3209,
0.3346

■ 4.5763, 0.3449,
0.3504

323.1150, 0.3204,

■ 2.0009, 0.3552,

0.3343

382.9993, 0.3200,
0.3340

0.3569

0.6080, 0.4090,
0.3953

0.0000, 0.0000,
0.0000

66.9762, 0.3258,
0.3379

66.9762, 0.3258,
0.3379

60.0337, 0.3442,
0.3495

74.5512, 0.3099,
0.3270

53.6980, 0.3653,
0.3615

82.7661, 0.2962,
0.3169

47.9541, 0.3893,
0.3735

90.5917, 0.2927,
0.3230

42.7833, 0.4161,
0.3850

94.2766, 0.2929,
0.3289

■ 38.1657, 0.4452,
0.3949

■ 34.0800, 0.4756,
0.4020

■ 30.5030, 0.5054,
0.4051

■ 27.4091, 0.5326,
0.4030

■ 24.7670, 0.5554,
0.3956

Harmonies

Analogous

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



66.9762, 0.3259, 0.3327



66.9762, 0.3258, 0.3379



66.9762, 0.3222, 0.3408

Triad

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



66.9762, 0.3258, 0.3379



66.9762, 0.3031, 0.3313



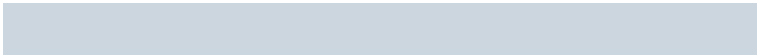
66.9762, 0.3093, 0.3179

Complementary

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



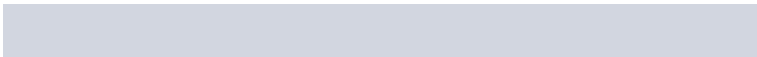
66.9762, 0.3258, 0.3379



66.2434, 0.3002, 0.3199

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.



66.9762, 0.3033, 0.3174



66.9762, 0.3258, 0.3379



66.9762, 0.2998, 0.3251

Square

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



66.9762, 0.3258, 0.3379



66.9762, 0.3091, 0.3370



66.9762, 0.2998, 0.3200



66.9762, 0.3163, 0.3212

Rectangle

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



66.9762, 0.3258, 0.3379



66.9762, 0.3183, 0.3409



66.9762, 0.2998, 0.3200



66.9762, 0.3071, 0.3174

Sweetspot

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



66.9791, 0.3258, 0.3379



97.8748, 0.3158, 0.3312



63.5961, 0.3192, 0.3177



20.9716, 0.3157, 0.3311



0.0000, 0.0000, 0.0000



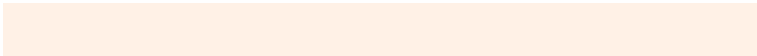
21.4041, 0.3127, 0.3290

Same Dimension

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



66.9791, 0.3258, 0.3379



89.7259, 0.3292, 0.3401



71.5265, 0.3248, 0.3476



14.6935, 0.3281, 0.3394



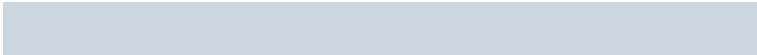
14.6499, 0.5570, 0.3960



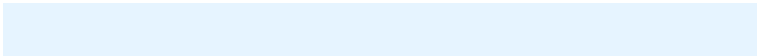
1.1918, 0.5305, 0.4169

Inverse Universe

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



66.2434, 0.3002, 0.3199



88.4930, 0.2972, 0.3176



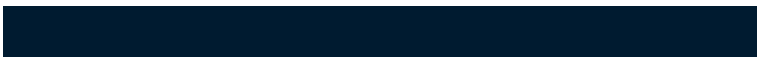
61.8821, 0.3002, 0.3097



14.5046, 0.2981, 0.3184



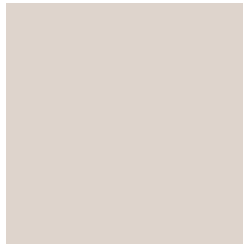
11.8892, 0.1828, 0.1780



1.0018, 0.1898, 0.2034

Previews

White Background



This preview shows how the Yxy color 66.9762, 0.3258, 0.3379 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 66.9762, 0.3258, 0.3379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

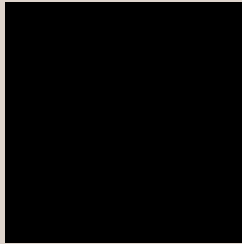
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

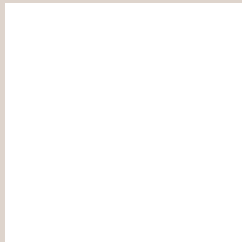
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.9762, 0.3258, 0.3379

Background



This preview shows how black text looks on a background with the Yxy color 66.9762, 0.3258, 0.3379.

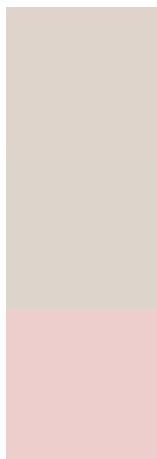


This preview shows how white text looks on a background with the Yxy color 66.9762, 0.3258, 0.3379.

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

66.9762, 0.3258, 0.3379

Protanopia

67.1638, 0.3242, 0.3391

Deuteranopia

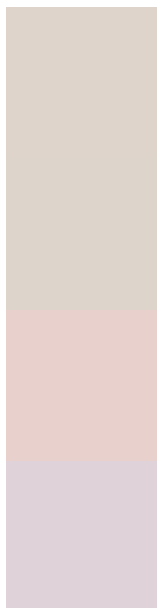
66.5549, 0.3374, 0.3302



Tritanopia

67.0447, 0.3135, 0.3117

Trichromacy



Original Color

66.9762, 0.3258, 0.3379

Protanomaly

67.3203, 0.3249, 0.3391

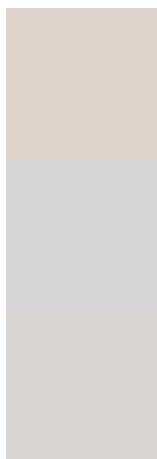
Deuteranomaly

66.6753, 0.3332, 0.3323

Tritanomaly

66.9502, 0.3183, 0.3214

Monochromacy



Original Color

66.9762, 0.3258, 0.3379

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

66.9934, 0.3177, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.9762, 0.3258, 0.3379 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(222, 212, 204)` looks like.

```
.text, #text, p{  
    color:rgb(222, 212, 204)  
}
```

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(222, 212, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 212, 204) }
```

Border

The CSS property to change the border of an element to Yxy 66.9762, 0.3258, 0.3379 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(222, 212, 204) }
```

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

```
.border{ border-color:rgb(222, 212, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 212, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 212, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 212, 204);  
box-shadow:4px 4px 4px 4px rgb(222, 212,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 66.9762, 0.3258, 0.3379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 212, 204) }
```

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

```
.background{ background-color: rgb(222,  
212, 204) }
```

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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