

Converting Colors

$Yxy(67.0577, 0.3292, 0.3466)$

Have a look what the booklet for
Yxy(67.0577, 0.3292, 0.3466)
contains.

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Color

Yxy(67.0379, 0.3292, 0.3458)

Conversions

Conversions Part 1

Format	Color
Hex	DDD5C6
RGB	221, 213, 198
RGB Percent	87%, 84%, 78%
CMY	0.1331, 0.1648, 0.2235
CMYK	0.00, 0.04, 0.10, 0.13
HSL	39°, 25%, 82%
HSV	39°, 10%, 87%
XYZ	63.8198, 67.0379, 63.0055
YIQ	213.6820, 9.5830, -2.9690

Conversions

Conversions Part 2

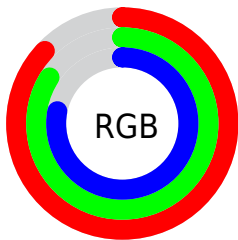
Format	Color
R_{YB}	210, 221, 198
Decimal	14538182
CIE Lab	85.52, 0.23, 8.38
CIE LCh	86, 8.381, 88.400
Yxy	67.0379, 0.3292, 0.3458
Android (android.graphics.Color)	4292728262 (0xFFDDD5C6)
YUV	213.6820, -7.7312, 6.4179
Hunter-Lab	81.8767, -4.1502, 11.6890

Details

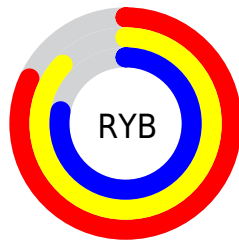
The Yxy color **67.0379, 0.3292, 0.3458** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.4114, 0.2965, 0.3116**, and the grayscale version is **67.0751, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.5743, 0.3336, 0.3497** is the 20% darker color. If you saturate the color by 10%, you get **62.2924, 0.3467, 0.3627**, and if you desaturate by 10%, it is **72.1241, 0.3134, 0.3297**.

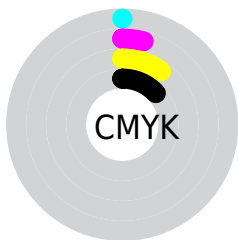
Distribution



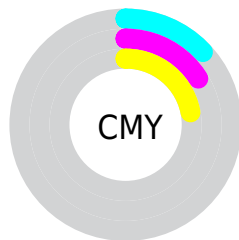
- Red (87%)
- Green (84%)
- Blue (78%)



- Red (82%)
- Yellow (87%)
- Blue (78%)



- Cyan (0%)
- Magenta (4%)
- Yellow (10%)
- Black (13%)



- Cyan (13%)
- Magenta (16%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.0379, 0.3292, 0.3458 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 67.0379, 0.3292, 0.3458 by changing the saturation by 10% instead.

■ 67.0379, 0.3292,
0.3458

■ 67.0379, 0.3292,
0.3458

450.0797, 0.3215,
0.3379

■ 49.1154, 0.3310,
0.3476

114.9747, 0.3265,
0.3430

■ 34.7111, 0.3332,
0.3499

145.7579, 0.3254,
0.3420

■ 23.4404, 0.3361,
0.3528

181.5967, 0.3245,
0.3411

■ 14.9190, 0.3399,
0.3567

222.8755, 0.3238,
0.3403

■ 8.7626, 0.3452,
0.3620

269.9789, 0.3231,
0.3396

■ 4.5866, 0.3529,
0.3699

323.2911, 0.3225,

■ 2.0068, 0.3654,

0.3390

383.1966, 0.3219,
0.3384

0.3825

0.6114, 0.4591,
0.4783

0.0000, 0.0000,
0.0000

67.0379, 0.3292,
0.3458

67.0379, 0.3292,
0.3458

62.2924, 0.3467,
0.3627

72.1241, 0.3134,
0.3297

57.8698, 0.3659,
0.3799

77.5506, 0.2992,
0.3145

53.7635, 0.3865,
0.3969

82.7133, 0.2918,
0.3096

49.9633, 0.4079,
0.4129

87.2734, 0.2920,
0.3177

■ 46.4583, 0.4297,
0.4268

■ 92.0290, 0.2922,
0.3256

■ 43.2367, 0.4506,
0.4375

■ 94.1214, 0.2923,
0.3289

■ 40.2851, 0.4698,
0.4438

■ 37.5881, 0.4861,
0.4451

■ 35.2216, 0.4989,
0.4420

Harmonies

Analogous

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



67.0379, 0.3331, 0.3401



67.0379, 0.3292, 0.3458



67.0379, 0.3209, 0.3470

Triad

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



67.0379, 0.3292, 0.3458



67.0379, 0.2944, 0.3259



67.0379, 0.3147, 0.3154

Complementary

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



67.0379, 0.3292, 0.3458



61.4114, 0.2965, 0.3116

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.



67.0379, 0.3044, 0.3116



67.0379, 0.3292, 0.3458



67.0379, 0.2928, 0.3175

Square

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



67.0379, 0.3292, 0.3458



67.0379, 0.3008, 0.3354



67.0379, 0.2964, 0.3123



67.0379, 0.3246, 0.3227

Rectangle

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



67.0379, 0.3292, 0.3458



67.0379, 0.3140, 0.3450



67.0379, 0.2964, 0.3123



67.0379, 0.3111, 0.3137

Sweetspot

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



67.0408, 0.3292, 0.3458



97.8197, 0.3173, 0.3338



60.2516, 0.3247, 0.3195



20.8143, 0.3186, 0.3351



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.



67.0408, 0.3292, 0.3458



90.8616, 0.3337, 0.3503



70.7248, 0.3259, 0.3548



14.4564, 0.3275, 0.3442



20.6686, 0.4974, 0.4433



1.4983, 0.4814, 0.4559

Inverse Universe

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



61.4114, 0.2965, 0.3116



81.2637, 0.2922, 0.3068



58.0439, 0.2987, 0.3023



13.3593, 0.2981, 0.3134



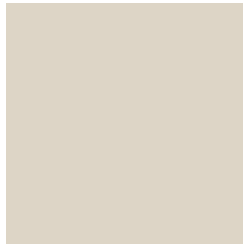
6.3405, 0.1648, 0.1131



0.5692, 0.1739, 0.1461

Previews

White Background



This preview shows how the Yxy color 67.0379, 0.3292, 0.3458 looks on a white background.

Color Contrast Check

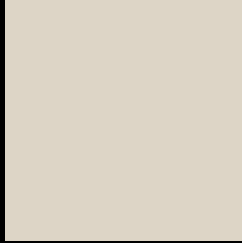
Large Text (above 18pt) WCAG AA × Fail

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 67.0379, 0.3292, 0.3458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

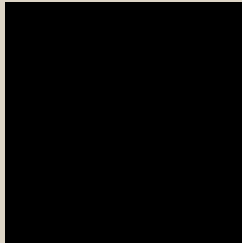
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

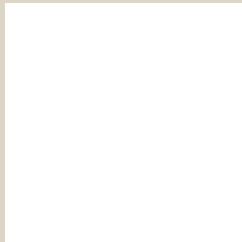
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.0379, 0.3292, 0.3458

Background



This preview shows how black text looks on a background with the Yxy color 67.0379, 0.3292, 0.3458.

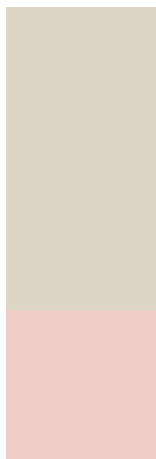


This preview shows how white text looks on a background with the Yxy color 67.0379, 0.3292, 0.3458.

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

67.0379, 0.3292, 0.3458

Protanopia

67.0379, 0.3292, 0.3458

Deuteranopia

66.7914, 0.3443, 0.3366



Tritanopia

67.0447, 0.3135, 0.3117

Trichromacy



Original Color

67.0379, 0.3292, 0.3458

Protanomaly

67.0379, 0.3292, 0.3458

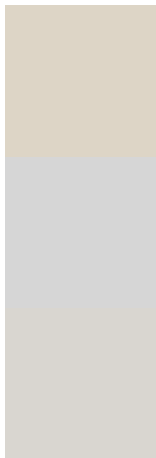
Deuteranomaly

67.0481, 0.3383, 0.3400

Tritanomaly

66.8468, 0.3197, 0.3235

Monochromacy



Original Color

67.0379, 0.3292, 0.3458

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.3989, 0.3190, 0.3357

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.0379, 0.3292, 0.3458 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(221, 213, 198)` looks like.

```
.text, #text, p{  
    color:rgb(221, 213, 198)  
}
```

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(221, 213, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 213, 198) }
```

Border

The CSS property to change the border of an element to Yxy 67.0379, 0.3292, 0.3458 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(221, 213, 198) }
```

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

```
.border{ border-color:rgb(221, 213, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 213, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 213, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 213, 198);  
box-shadow:4px 4px 4px 4px rgb(221, 213,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 67.0379, 0.3292, 0.3458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 213, 198) }
```

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

```
.background{ background-color: rgb(221,  
213, 198) }
```

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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