

Converting Colors

Yxy(65.1806, 0.3248, 0.3440)

Have a look what the booklet for
Yxy(65.1806, 0.3248, 0.3440)
contains.

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Color

Yxy(65.1128, 0.3248, 0.3438)

Conversions

Conversions Part 1

Format	Color
Hex	D7D3C6
RGB	215, 211, 198
RGB Percent	84%, 83%, 78%
CMY	0.1568, 0.1725, 0.2234
CMYK	0.00, 0.02, 0.08, 0.16
HSL	46°, 18%, 81%
HSV	46°, 8%, 84%
XYZ	61.5144, 65.1128, 62.7643
YIQ	210.7140, 6.5570, -3.1950

Conversions

Conversions Part 2

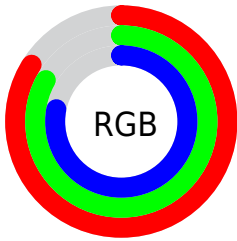
Format	Color
R _Y B	203, 215, 198
Decimal	14144454
CIE Lab	84.54, -0.87, 6.90
CIE LCh	85, 6.954, 97.215
Yxy	65.1128, 0.3248, 0.3438
Android (android.graphics.Color)	4292334534 (0xFFD7D3C6)
YUV	210.7140, -6.2680, 3.7588
Hunter-Lab	80.6925, -5.1359, 10.3677

Details

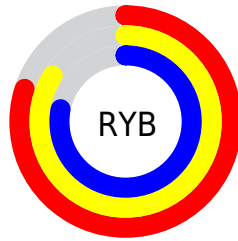
The Yxy color **65.1128, 0.3248, 0.3438** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.1680, 0.3006, 0.3138**, and the grayscale version is **64.9845, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.6011, 0.3277, 0.3486** is the 20% darker color. If you saturate the color by 10%, you get **61.7142, 0.3412, 0.3633**, and if you desaturate by 10%, it is **68.7373, 0.3096, 0.3252**.

Distribution



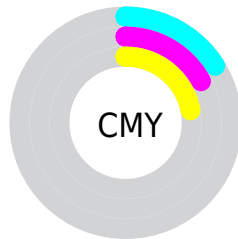
- Red (84%)
- Green (83%)
- Blue (78%)



- Red (80%)
- Yellow (84%)
- Blue (78%)



- Cyan (0%)
- Magenta (2%)
- Yellow (8%)
- Black (16%)



- Cyan (16%)
- Magenta (17%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.1128, 0.3248, 0.3438 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 65.1128, 0.3248, 0.3438 by changing the saturation by 10% instead.

■ 65.1128, 0.3248,
0.3438

■ 65.1128, 0.3248,
0.3438

443.1972, 0.3191,
0.3368

■ 47.5526, 0.3261,
0.3454

112.2120, 0.3228,
0.3413

■ 33.4727, 0.3278,
0.3475

142.5198, 0.3220,
0.3404

■ 22.4888, 0.3299,
0.3501

177.8455, 0.3214,
0.3396

■ 14.2165, 0.3327,
0.3536

218.5735, 0.3208,
0.3389

■ 8.2714, 0.3367,
0.3585

265.0884, 0.3203,
0.3383

■ 4.2691, 0.3425,
0.3658

317.7743, 0.3198,

■ 1.8252, 0.3521,

0.3377

0.3779

377.0158, 0.3195,
0.3372

0.5028, 0.4457,
0.4908

0.0000, 0.0000,
0.0000

65.1128, 0.3248,
0.3438

65.1128, 0.3248,
0.3438

61.7142, 0.3412,
0.3633

68.7373, 0.3096,
0.3252

58.5264, 0.3587,
0.3831

72.5855, 0.2958,
0.3076

55.5451, 0.3770,
0.4028

76.1720, 0.2876,
0.2988

52.7629, 0.3956,
0.4214

78.9722, 0.2878,
0.3042

■ 50.1714, 0.4137,
0.4381

■ 81.8547, 0.2881,
0.3096

■ 47.7617, 0.4306,
0.4516

■ 84.8199, 0.2883,
0.3149

■ 45.5236, 0.4455,
0.4611

■ 87.8687, 0.2885,
0.3202

■ 43.4453, 0.4577,
0.4660

■ 91.0017, 0.2887,
0.3254

■ 41.5104, 0.4670,
0.4662

■ 93.1878, 0.2889,
0.3289

Harmonies

Analogous

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



65.1128, 0.3293, 0.3401



65.1128, 0.3248, 0.3438



65.1128, 0.3171, 0.3435

Triad

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



65.1128, 0.3248, 0.3438



65.1128, 0.2965, 0.3242



65.1128, 0.3170, 0.3191

Complementary

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



65.1128, 0.3248, 0.3438



59.1680, 0.3006, 0.3138

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.



65.1128, 0.3082, 0.3150



65.1128, 0.3248, 0.3438



65.1128, 0.2964, 0.3178

Square

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



65.1128, 0.3248, 0.3438



65.1128, 0.3008, 0.3321



65.1128, 0.3007, 0.3144



65.1128, 0.3247, 0.3258

Rectangle

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



65.1128, 0.3248, 0.3438



65.1128, 0.3112, 0.3411



65.1128, 0.3007, 0.3144



65.1128, 0.3140, 0.3174

Sweetspot

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



65.1156, 0.3248, 0.3438



98.9113, 0.3157, 0.3327



59.1230, 0.3230, 0.3242



21.1826, 0.3156, 0.3325



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.



65.1156, 0.3248, 0.3438



95.2062, 0.3267, 0.3461



66.4950, 0.3212, 0.3484



14.0007, 0.3272, 0.3467



24.7615, 0.4679, 0.4667



1.6163, 0.4578, 0.4747

Inverse Universe

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



59.1680, 0.3006, 0.3138



85.2188, 0.2987, 0.3113



57.8987, 0.3038, 0.3092



12.4791, 0.2982, 0.3106



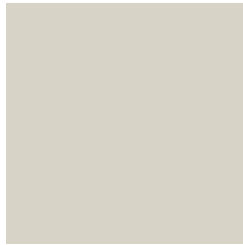
4.4703, 0.1575, 0.0869



0.3988, 0.1667, 0.1201

Previews

White Background



This preview shows how the Yxy color 65.1128, 0.3248, 0.3438 looks on a white background.

Color Contrast Check

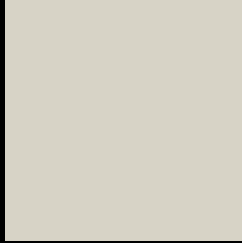
Large Text (above 18pt) WCAG AA × Fail

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 65.1128, 0.3248, 0.3438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

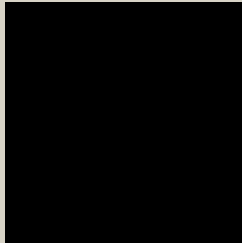
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

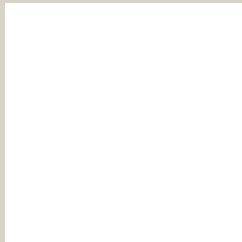
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.1128, 0.3248, 0.3438

Background



This preview shows how black text looks on a background with the Yxy color 65.1128, 0.3248, 0.3438.



This preview shows how white text looks on a background with the Yxy color 65.1128, 0.3248, 0.3438.

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

65.1128, 0.3248, 0.3438

Protanopia

65.0758, 0.3272, 0.3426

Deuteranopia

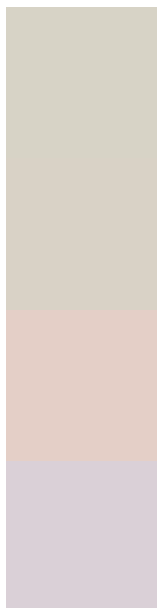
65.1421, 0.3415, 0.3345



Tritanopia

65.0675, 0.3099, 0.3103

Trichromacy



Original Color

65.1128, 0.3248, 0.3438

Protanomaly

64.9221, 0.3265, 0.3426

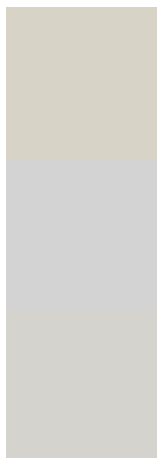
Deuteranomaly

65.2431, 0.3347, 0.3379

Tritanomaly

64.9235, 0.3153, 0.3212

Monochromacy



Original Color

65.1128, 0.3248, 0.3438

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.0418, 0.3169, 0.3347

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.1128, 0.3248, 0.3438 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(215, 211, 198)` looks like.

```
.text, #text, p{  
    color:rgb(215, 211, 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(215, 211, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 211, 198) }
```

Border

The CSS property to change the border of an element to Yxy 65.1128, 0.3248, 0.3438 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(215, 211, 198) }
```

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

```
.border{ border-color:rgb(215, 211, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 211, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 211, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 211, 198);  
box-shadow:4px 4px 4px 4px rgb(215, 211,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 65.1128, 0.3248, 0.3438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 211, 198) }
```

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

```
.background{ background-color: rgb(215,  
211, 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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