

Converting Colors

Yxy(69.2924, 0.3319, 0.3535)

Have a look what the booklet for
Yxy(69.2924, 0.3319, 0.3535)
contains.

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Color

Yxy(69.2538, 0.3323, 0.3535)

Conversions

Conversions Part 1

Format	Color
Hex	DFD9C3
RGB	223, 217, 195
RGB Percent	87%, 85%, 76%
CMY	0.1254, 0.1490, 0.2354
CMYK	0.00, 0.03, 0.13, 0.13
HSL	47°, 30%, 82%
HSV	47°, 13%, 87%
XYZ	65.1005, 69.2538, 61.5546
YIQ	216.2860, 10.6380, -5.5700

Conversions

Conversions Part 2

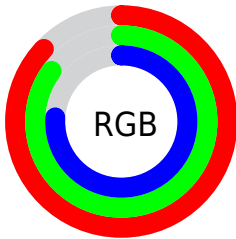
Format	Color
RYB	203, 223, 195
Decimal	14670275
CIELab	86.63, -1.63, 11.57
CIELCh	87, 11.689, 97.996
Yxy	69.2538, 0.3323, 0.3535
Android (android.graphics.Color)	4292860355 (0xFFDFD9C3)
YUV	216.2860, -10.4940, 5.8882
Hunter-Lab	83.2189, -5.9959, 14.3981

Details

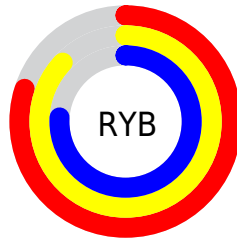
The Yxy color **69.2538, 0.3323, 0.3535** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.7120, 0.2929, 0.3033**, and the grayscale version is **68.9458, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **36.0886, 0.3376, 0.3596** is the 20% darker color. If you saturate the color by 10%, you get **65.8834, 0.3491, 0.3738**, and if you desaturate by 10%, it is **72.8529, 0.3166, 0.3339**.

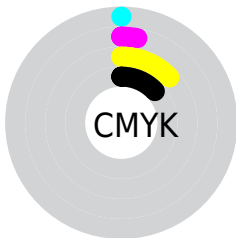
Distribution



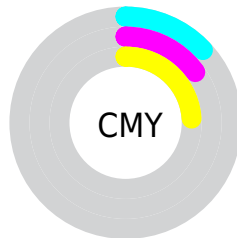
- Red (87%)
- Green (85%)
- Blue (76%)



- Red (80%)
- Yellow (87%)
- Blue (76%)



- Cyan (0%)
- Magenta (3%)
- Yellow (13%)
- Black (13%)



- Cyan (13%)
- Magenta (15%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.2538, 0.3323, 0.3535 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 69.2538, 0.3323, 0.3535 by changing the saturation by 10% instead.

69.2538, 0.3323,
0.3535

69.2538, 0.3323,
0.3535

457.9256, 0.3232,
0.3420

50.9184, 0.3344,
0.3562

118.1440, 0.3291,
0.3495

36.1437, 0.3370,
0.3595

149.4676, 0.3279,
0.3479

24.5452, 0.3403,
0.3637

185.8895, 0.3268,
0.3466

15.7385, 0.3446,
0.3692

227.7939, 0.3259,
0.3454

9.3393, 0.3506,
0.3769

275.5653, 0.3251,
0.3444

4.9632, 0.3592,
0.3881

329.5882, 0.3244,

2.2257, 0.3726,

0.3435

0.4059

390.2468, 0.3237,
0.3427

0.7339, 0.4727,
0.5273

0.0000, 0.0000,
0.0000

69.2538, 0.3323,
0.3535

69.2538, 0.3323,
0.3535

65.8834, 0.3491,
0.3738

72.8529, 0.3166,
0.3339

62.7254, 0.3669,
0.3941

76.6786, 0.3021,
0.3153

59.7751, 0.3850,
0.4139

80.2882, 0.2929,
0.3047

57.0240, 0.4029,
0.4321

83.0185, 0.2930,
0.3097

■ 54.4630, 0.4200,
0.4477

■ 85.8231, 0.2931,
0.3147

■ 52.0818, 0.4353,
0.4597

■ 88.7026, 0.2933,
0.3196

■ 49.8689, 0.4482,
0.4674

■ 91.6576, 0.2934,
0.3245

■ 47.8103, 0.4581,
0.4702

■ 94.4334, 0.2935,
0.3289

■ 46.3655, 0.4639,
0.4699

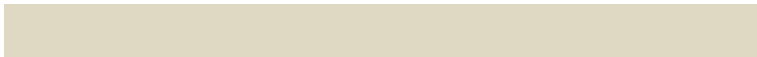
Harmonies

Analogous

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



69.2538, 0.3400, 0.3473



69.2538, 0.3323, 0.3535



69.2538, 0.3195, 0.3531

Triad

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



69.2538, 0.3323, 0.3535



69.2538, 0.2861, 0.3206



69.2538, 0.3200, 0.3131

Complementary

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



69.2538, 0.3323, 0.3535



58.7120, 0.2929, 0.3033

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.



69.2538, 0.3055, 0.3062



69.2538, 0.3323, 0.3535



69.2538, 0.2861, 0.3102

Square

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



69.2538, 0.3323, 0.3535



69.2538, 0.2929, 0.3337



69.2538, 0.2932, 0.3051



69.2538, 0.3328, 0.3240

Rectangle

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



69.2538, 0.3323, 0.3535



69.2538, 0.3098, 0.3489



69.2538, 0.2932, 0.3051



69.2538, 0.3152, 0.3103

Sweetspot

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



69.2568, 0.3323, 0.3535



97.9677, 0.3188, 0.3367



58.9357, 0.3308, 0.3222



20.8885, 0.3199, 0.3382



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.



69.2568, 0.3323, 0.3535



92.6362, 0.3365, 0.3586



71.1932, 0.3256, 0.3605



15.5026, 0.3272, 0.3473



27.4244, 0.4631, 0.4705



2.0270, 0.4550, 0.4769

Inverse Universe

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



58.7120, 0.2929, 0.3033



75.7744, 0.2887, 0.2976



57.0387, 0.2987, 0.2966



13.7191, 0.2981, 0.3100



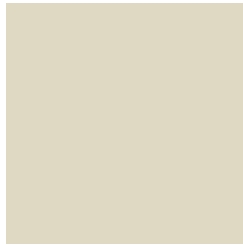
4.5105, 0.1563, 0.0828



0.4436, 0.1642, 0.1110

Previews

White Background



This preview shows how the Yxy color 69.2538, 0.3323, 0.3535 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 69.2538, 0.3323, 0.3535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

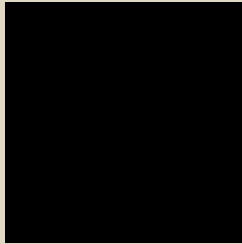
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

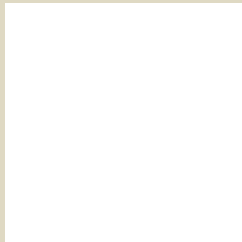
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.2538, 0.3323, 0.3535

Background



This preview shows how black text looks on a background with the Yxy color 69.2538, 0.3323, 0.3535.

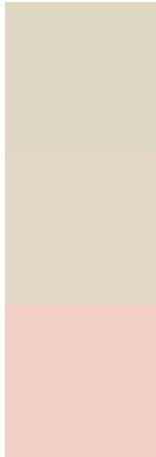


This preview shows how white text looks on a background with the Yxy color 69.2538, 0.3323, 0.3535.

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

69.2538, 0.3323, 0.3535

Protanopia

69.2206, 0.3347, 0.3522

Deuteranopia

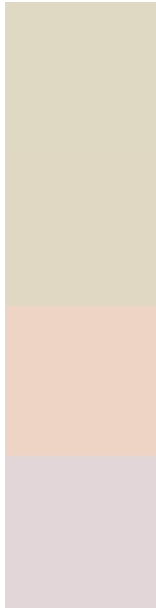
69.0446, 0.3492, 0.3418



Tritanopia

69.2381, 0.3128, 0.3108

Trichromacy



Original Color

69.2538, 0.3323, 0.3535

Protanomaly

69.0594, 0.3339, 0.3523

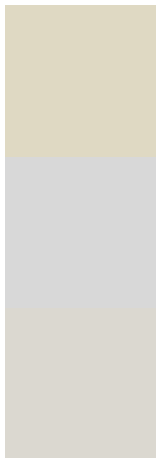
Deuteranomaly

69.0770, 0.3431, 0.3463

Tritanomaly

69.2716, 0.3195, 0.3258

Monochromacy



Original Color

69.2538, 0.3323, 0.3535

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.7259, 0.3203, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.2538, 0.3323, 0.3535 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(223, 217, 195)` looks like.

```
.text, #text, p{  
    color:rgb(223, 217, 195)  
}
```

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(223, 217, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 217, 195) }
```

Border

The CSS property to change the border of an element to Yxy 69.2538, 0.3323, 0.3535 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(223, 217, 195) }
```

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

```
.border{ border-color:rgb(223, 217, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 217, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 217, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 217, 195);  
box-shadow:4px 4px 4px 4px rgb(223, 217,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 69.2538, 0.3323, 0.3535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 217, 195) }
```

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

```
.background{ background-color: rgb(223,  
217, 195) }
```

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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