

Converting Colors

$Yxy(70.1003, 0.3288, 0.3543)$

Have a look what the booklet for
Yxy(70.1003, 0.3288, 0.3543)
contains.

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Color

Yxy(69.9099, 0.3284, 0.3536)

Conversions

Conversions Part 1

Format	Color
Hex	DCDBC5
RGB	220, 219, 197
RGB Percent	86%, 86%, 77%
CMY	0.1371, 0.1412, 0.2276
CMYK	0.00, 0.00, 0.10, 0.14
HSL	57°, 25%, 82%
HSV	57°, 10%, 86%
XYZ	64.9276, 69.9099, 62.8715
YIQ	216.7910, 7.6580, -6.6300

Conversions

Conversions Part 2

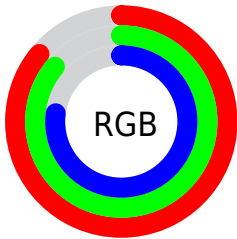
Format	Color
RYB	198, 220, 197
Decimal	14474181
CIELab	86.95, -3.41, 10.96
CIElCh	87, 11.479, 107.276
Yxy	69.9099, 0.3284, 0.3536
Android (android.graphics.Color)	4292664261 (0xFFDCDBC5)
YUV	216.7910, -9.7570, 2.8143
Hunter-Lab	83.6121, -7.7100, 13.9459

Details

The Yxy color **69.9099, 0.3284, 0.3536** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.4185, 0.2964, 0.3032**, and the grayscale version is **69.3043, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **36.5334, 0.3324, 0.3598** is the 20% darker color. If you saturate the color by 10%, you get **68.4661, 0.3439, 0.3777**, and if you desaturate by 10%, it is **71.5101, 0.3134, 0.3301**.

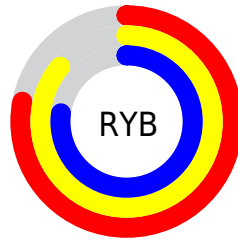
Distribution



Red (86%)

Green (86%)

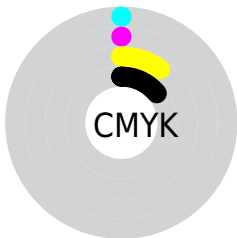
Blue (77%)



Red (78%)

Yellow (86%)

Blue (77%)

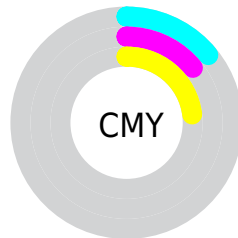


Cyan (0%)

Magenta (0%)

Yellow (10%)

Black (14%)



Cyan (14%)

Magenta (14%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.9099, 0.3284, 0.3536 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 69.9099, 0.3284, 0.3536 by changing the saturation by 10% instead.

■ 69.9099, 0.3284,
0.3536

■ 69.9099, 0.3284,
0.3536

460.2336, 0.3211,
0.3421

■ 51.4531, 0.3301,
0.3563

119.0803, 0.3259,
0.3496

■ 36.5693, 0.3321,
0.3596

150.5626, 0.3249,
0.3480

■ 24.8742, 0.3347,
0.3639

187.1555, 0.3240,
0.3467

■ 15.9834, 0.3381,
0.3695

229.2435, 0.3233,
0.3455

■ 9.5124, 0.3428,
0.3773

277.2109, 0.3227,
0.3445

■ 5.0769, 0.3495,
0.3888

331.4421, 0.3221,

■ 2.2924, 0.3598,

0.3436

0.4072

392.3216, 0.3216,
0.3428

0.7697, 0.4352,
0.5166

0.0000, 0.0000,
0.0000

69.9099, 0.3284,
0.3536

69.9099, 0.3284,
0.3536

68.4661, 0.3439,
0.3777

71.5101, 0.3134,
0.3301

67.1631, 0.3595,
0.4018

73.2634, 0.2992,
0.3077

65.9971, 0.3746,
0.4249

74.6545, 0.2907,
0.2945

64.9609, 0.3888,
0.4462

75.1775, 0.2907,
0.2956

64.0462, 0.4014,
0.4647

75.7036, 0.2908,
0.2966

63.2440, 0.4117,
0.4796

76.2328, 0.2908,
0.2977

62.5441, 0.4195,
0.4901

76.7650, 0.2908,
0.2987

61.9341, 0.4246,
0.4963

77.3003, 0.2908,
0.2998

61.4168, 0.4274,
0.4988

77.8386, 0.2909,
0.3008

Harmonies

Analogous

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



69.9099, 0.3378, 0.3494



69.9099, 0.3284, 0.3536



69.9099, 0.3150, 0.3510

Triad

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



69.9099, 0.3284, 0.3536



69.9099, 0.2859, 0.3172



69.9099, 0.3241, 0.3164

Complementary

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



69.9099, 0.3284, 0.3536



57.4185, 0.2964, 0.3032

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.



69.9099, 0.3100, 0.3082



69.9099, 0.3284, 0.3536



69.9099, 0.2881, 0.3084

Square

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



69.9099, 0.3284, 0.3536



69.9099, 0.2906, 0.3295



69.9099, 0.2969, 0.3053



69.9099, 0.3353, 0.3279

Rectangle

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



69.9099, 0.3284, 0.3536



69.9099, 0.3055, 0.3456



69.9099, 0.2969, 0.3053



69.9099, 0.3195, 0.3132

Sweetspot

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



69.9130, 0.3284, 0.3536



99.2994, 0.3172, 0.3360



59.2182, 0.3303, 0.3277



21.2148, 0.3184, 0.3379



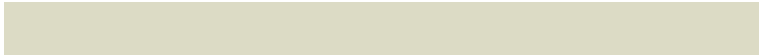
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



69.9130, 0.3284, 0.3536



97.1055, 0.3324, 0.3599



68.8818, 0.3206, 0.3553



15.1590, 0.3268, 0.3511



36.0790, 0.4273, 0.4989



2.3688, 0.4259, 0.5001

Inverse Universe

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



57.4185, 0.2964, 0.3032



75.6776, 0.2919, 0.2961



58.3990, 0.3042, 0.3026



12.7099, 0.2981, 0.3059



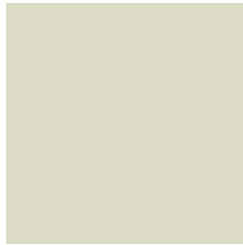
3.2007, 0.1508, 0.0630



0.2409, 0.1533, 0.0720

Previews

White Background



This preview shows how the Yxy color 69.9099, 0.3284, 0.3536 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 69.9099, 0.3284, 0.3536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

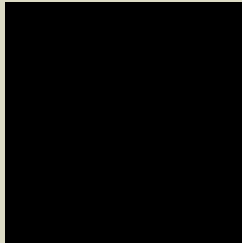
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

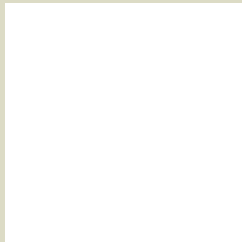
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.9099, 0.3284, 0.3536

Background



This preview shows how black text looks on a background with the Yxy color 69.9099, 0.3284, 0.3536.



This preview shows how white text looks on a background with the Yxy color 69.9099, 0.3284, 0.3536.

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

69.9099, 0.3284, 0.3536

Protanopia

69.9421, 0.3346, 0.3521

Deuteranopia

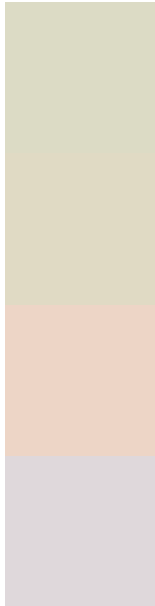
69.8095, 0.3482, 0.3407



Tritanopia

69.8702, 0.3092, 0.3108

Trichromacy



Original Color

69.9099, 0.3284, 0.3536

Protanomaly

69.9756, 0.3322, 0.3534

Deuteranomaly

69.6702, 0.3414, 0.3452

Tritanomaly

69.9142, 0.3158, 0.3257

Monochromacy



Original Color

69.9099, 0.3284, 0.3536

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.7014, 0.3181, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.9099, 0.3284, 0.3536 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, 219, 197)` looks like.

```
.text, #text, p{  
    color:rgb(220, 219, 197)  
}
```

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, 219, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 219, 197) }
```

Border

The CSS property to change the border of an element to Yxy 69.9099, 0.3284, 0.3536 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, 219, 197) }
```

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

```
.border{ border-color:rgb(220, 219, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 219, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 219, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 219, 197);  
box-shadow:4px 4px 4px 4px rgb(220, 219,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 69.9099, 0.3284, 0.3536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 219, 197) }
```

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

```
.background{ background-color: rgb(220,  
219, 197) }
```

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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