

Converting Colors

$Yxy(69.6673, 0.3272, 0.3519)$

Have a look what the booklet for
Yxy(69.6673, 0.3272, 0.3519)
contains.

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Color

Yxy(69.8003, 0.3269, 0.3525)

Conversions

Conversions Part 1

Format	Color
Hex	DBDBC6
RGB	219, 219, 198
RGB Percent	86%, 86%, 78%
CMY	0.1413, 0.1411, 0.2235
CMYK	0.00, 0.00, 0.10, 0.14
HSL	60°, 23%, 82%
HSV	60°, 10%, 86%
XYZ	64.7311, 69.8003, 63.4836
YIQ	216.6060, 6.7410, -6.5310

Conversions

Conversions Part 2

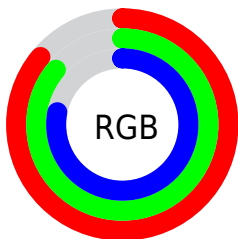
Format	Color
RYB	198, 219, 198
Decimal	14408646
CIELab	86.90, -3.62, 10.33
CIELCh	87, 10.946, 109.322
Yxy	69.8003, 0.3269, 0.3525
Android (android.graphics.Color)	4292598726 (0xFFDBDBC6)
YUV	216.6060, -9.1728, 2.0995
Hunter-Lab	83.5466, -7.9064, 13.4306

Details

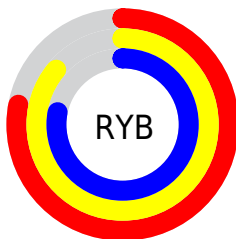
The Yxy color **69.8003, 0.3269, 0.3525** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.5123, 0.2978, 0.3044**, and the grayscale version is **69.1638, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.4570, 0.3305, 0.3584** is the 20% darker color. If you saturate the color by 10%, you get **68.8579, 0.3420, 0.3776**, and if you desaturate by 10%, it is **70.8949, 0.3121, 0.3280**.

Distribution



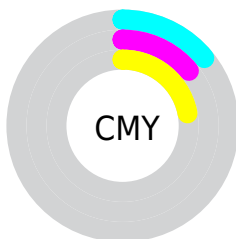
- Red (86%)
- Green (86%)
- Blue (78%)



- Red (78%)
- Yellow (86%)
- Blue (78%)



- Cyan (0%)
- Magenta (0%)
- Yellow (10%)
- Black (14%)



- Cyan (14%)
- Magenta (14%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.8003, 0.3269, 0.3525 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 69.8003, 0.3269, 0.3525 by changing the saturation by 10% instead.

■ 69.8003, 0.3269,
0.3525

■ 69.8003, 0.3269,
0.3525

459.8485, 0.3203,
0.3415

■ 51.3637, 0.3284,
0.3551

118.9239, 0.3246,
0.3486

■ 36.4982, 0.3303,
0.3583

150.3798, 0.3237,
0.3471

■ 24.8192, 0.3326,
0.3623

186.9442, 0.3230,
0.3459

■ 15.9424, 0.3357,
0.3677

229.0016, 0.3223,
0.3447

■ 9.4834, 0.3399,
0.3752

276.9363, 0.3217,
0.3438

■ 5.0578, 0.3460,
0.3862

331.1328, 0.3212,

■ 2.2812, 0.3553,

0.3429

0.4040

391.9754, 0.3207,
0.3421

0.7637, 0.4220,
0.5056

0.0000, 0.0000,
0.0000

69.8003, 0.3269,
0.3525

69.8003, 0.3269,
0.3525

68.8579, 0.3420,
0.3776

70.8949, 0.3121,
0.3280

68.0524, 0.3571,
0.4026

72.1385, 0.2980,
0.3047

67.3801, 0.3716,
0.4267

72.9665, 0.2900,
0.2913

66.8338, 0.3850,
0.4488

72.9732, 0.2900,
0.2913

66.4055, 0.3966,
0.4681

72.9799, 0.2900,
0.2913

66.0864, 0.4059,
0.4837

72.9866, 0.2901,
0.2913

65.8664, 0.4127,
0.4950

72.9933, 0.2901,
0.2913

65.7337, 0.4169,
0.5020

73.0001, 0.2901,
0.2913

65.6679, 0.4189,
0.5054

73.0068, 0.2902,
0.2913

Harmonies

Analogous

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



69.8003, 0.3362, 0.3489



69.8003, 0.3269, 0.3525



69.8003, 0.3139, 0.3496

Triad

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



69.8003, 0.3269, 0.3525



69.8003, 0.2870, 0.3170



69.8003, 0.3244, 0.3177

Complementary

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



69.8003, 0.3269, 0.3525



57.5123, 0.2978, 0.3044

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.



69.8003, 0.3111, 0.3096



69.8003, 0.3269, 0.3525



69.8003, 0.2897, 0.3090

Square

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



69.8003, 0.3269, 0.3525



69.8003, 0.2911, 0.3287



69.8003, 0.2984, 0.3063



69.8003, 0.3348, 0.3287

Rectangle

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



69.8003, 0.3269, 0.3525



69.8003, 0.3050, 0.3442



69.8003, 0.2984, 0.3063



69.8003, 0.3201, 0.3145

Sweetspot

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



69.8034, 0.3269, 0.3525



99.5142, 0.3171, 0.3363



59.5255, 0.3295, 0.3291



21.2730, 0.3183, 0.3383



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.



69.8034, 0.3269, 0.3525



98.1721, 0.3307, 0.3588



68.2307, 0.3192, 0.3531



15.2625, 0.3267, 0.3521



38.9316, 0.4190, 0.5055



2.5226, 0.4190, 0.5055

Inverse Universe

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



57.5123, 0.2978, 0.3044



76.6675, 0.2936, 0.2974



58.9847, 0.3057, 0.3050



12.6184, 0.2981, 0.3048



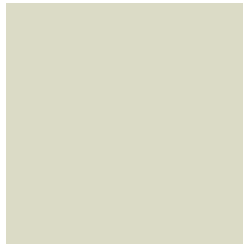
3.0349, 0.1501, 0.0600



0.1971, 0.1503, 0.0602

Previews

White Background



This preview shows how the Yxy color 69.8003, 0.3269, 0.3525 looks on a white background.

Color Contrast Check

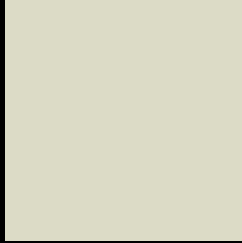
Large Text (above 18pt) WCAG AA × Fail

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 69.8003, 0.3269, 0.3525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

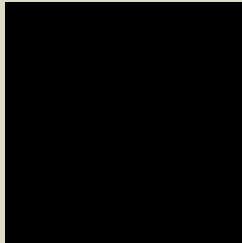
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

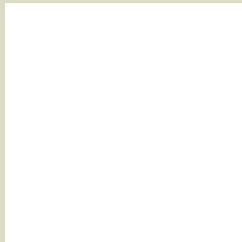
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.8003, 0.3269, 0.3525

Background



This preview shows how black text looks on a background with the Yxy color 69.8003, 0.3269, 0.3525.

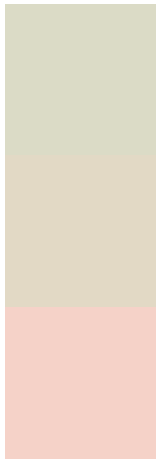


This preview shows how white text looks on a background with the Yxy color 69.8003, 0.3269, 0.3525.

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

69.8003, 0.3269, 0.3525

Protanopia

69.8257, 0.3331, 0.3511

Deuteranopia

69.6758, 0.3467, 0.3396



Tritanopia

69.7099, 0.3085, 0.3107

Trichromacy



Original Color

69.8003, 0.3269, 0.3525

Protanomaly

69.8620, 0.3307, 0.3523

Deuteranomaly

69.5449, 0.3399, 0.3442

Tritanomaly

69.7558, 0.3150, 0.3257

Monochromacy



Original Color

69.8003, 0.3269, 0.3525

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 69.8003, 0.3269, 0.3525 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(219, 219, 198)` looks like.

```
.text, #text, p{  
    color:rgb(219, 219, 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(219, 219, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 219, 198) }
```

Border

The CSS property to change the border of an element to Yxy 69.8003, 0.3269, 0.3525 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(219, 219, 198) }
```

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

```
.border{ border-color:rgb(219, 219, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 219, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 219, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 219, 198); box-shadow:4px 4px 4px 4px rgb(219, 219, 198) }
```


Background

The CSS property to change the background color of an element to Yxy 69.8003, 0.3269, 0.3525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 219, 198) }
```

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

```
.background{ background-color: rgb(219,  
219, 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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