

Converting Colors

Yxy(69.4157, 0.3263, 0.3512)

Have a look what the booklet for
Yxy(69.4157, 0.3263, 0.3512)
contains.

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Color

Yxy(69.3264, 0.3263, 0.3503)

Conversions

Conversions Part 1

Format	Color
Hex	DBDAC7
RGB	219, 218, 199
RGB Percent	86%, 85%, 78%
CMY	0.1414, 0.1450, 0.2197
CMYK	0.00, 0.00, 0.09, 0.14
HSL	57°, 22%, 82%
HSV	57°, 9%, 86%
XYZ	64.5767, 69.3264, 64.0027
YIQ	216.1330, 6.6950, -5.6970

Conversions

Conversions Part 2

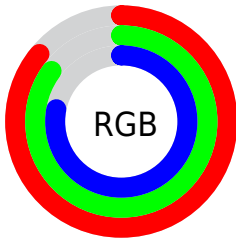
Format	Color
RYB	200, 219, 199
Decimal	14408391
CIELab	86.67, -2.97, 9.47
CIElCh	87, 9.926, 107.385
Yxy	69.3264, 0.3263, 0.3503
Android (android.graphics.Color)	4292598471 (0xFFDBDAC7)
YUV	216.1330, -8.4466, 2.5144
Hunter-Lab	83.2625, -7.2684, 12.7083

Details

The Yxy color **69.3264, 0.3263, 0.3503** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.5097, 0.2986, 0.3068**, and the grayscale version is **68.8149, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.1312, 0.3298, 0.3555** is the 20% darker color. If you saturate the color by 10%, you get **67.8720, 0.3417, 0.3743**, and if you desaturate by 10%, it is **70.9363, 0.3114, 0.3270**.

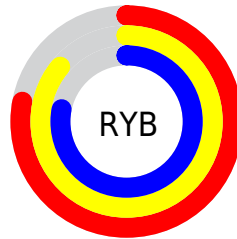
Distribution



Red (86%)

Green (85%)

Blue (78%)



Red (78%)

Yellow (86%)

Blue (78%)

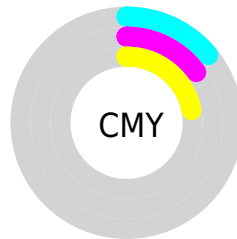


Cyan (0%)

Magenta (0%)

Yellow (9%)

Black (14%)



Cyan (14%)

Magenta (15%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.3264, 0.3263, 0.3503 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 69.3264, 0.3263, 0.3503 by changing the saturation by 10% instead.

■ 69.3264, 0.3263,
0.3503

■ 69.3264, 0.3263,
0.3503

458.1813, 0.3200,
0.3403

■ 50.9776, 0.3277,
0.3526

118.2477, 0.3241,
0.3468

■ 36.1908, 0.3295,
0.3555

149.5889, 0.3233,
0.3454

■ 24.5816, 0.3318,
0.3592

186.0297, 0.3225,
0.3443

■ 15.7656, 0.3348,
0.3641

227.9545, 0.3219,
0.3433

■ 9.3584, 0.3389,
0.3709

275.7476, 0.3213,
0.3424

■ 4.9757, 0.3448,
0.3809

329.7936, 0.3208,

■ 2.2330, 0.3541,

0.3416

0.3971

390.4767, 0.3204,
0.3409

0.7379, 0.4171,
0.4893

0.0000, 0.0000,
0.0000

69.3264, 0.3263,
0.3503

69.3264, 0.3263,
0.3503

67.8720, 0.3417,
0.3743

70.9363, 0.3114,
0.3270

66.5577, 0.3573,
0.3984

72.6983, 0.2974,
0.3048

65.3799, 0.3726,
0.4218

73.9827, 0.2899,
0.2934

64.3313, 0.3870,
0.4434

74.5076, 0.2900,
0.2945

63.4042, 0.3998,
0.4623

75.0356, 0.2900,
0.2956

62.5896, 0.4105,
0.4777

75.5667, 0.2900,
0.2966

61.8777, 0.4187,
0.4888

76.1010, 0.2901,
0.2977

61.2566, 0.4242,
0.4956

76.6383, 0.2901,
0.2987

60.7074, 0.4273,
0.4985

77.1787, 0.2901,
0.2998

Harmonies

Analogous

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



69.3264, 0.3344, 0.3467



69.3264, 0.3263, 0.3503



69.3264, 0.3146, 0.3480

Triad

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



69.3264, 0.3263, 0.3503



69.3264, 0.2894, 0.3188



69.3264, 0.3226, 0.3181

Complementary

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



69.3264, 0.3263, 0.3503



58.5097, 0.2986, 0.3068

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.



69.3264, 0.3104, 0.3110



69.3264, 0.3263, 0.3503



69.3264, 0.2914, 0.3111

Square

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



69.3264, 0.3263, 0.3503



69.3264, 0.2935, 0.3295



69.3264, 0.2990, 0.3084



69.3264, 0.3323, 0.3281

Rectangle

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



69.3264, 0.3263, 0.3503



69.3264, 0.3065, 0.3433



69.3264, 0.2990, 0.3084



69.3264, 0.3187, 0.3153

Sweetspot

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



69.3294, 0.3263, 0.3503



99.2963, 0.3172, 0.3360



60.0604, 0.3278, 0.3279



21.2139, 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.



69.3294, 0.3263, 0.3503



97.5158, 0.3293, 0.3550



68.4450, 0.3196, 0.3517



15.1575, 0.3268, 0.3511



36.0391, 0.4274, 0.4988



2.3667, 0.4260, 0.5000

Inverse Universe

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



58.5097, 0.2986, 0.3068



79.1506, 0.2953, 0.3016



59.3569, 0.3054, 0.3062



12.7112, 0.2981, 0.3059



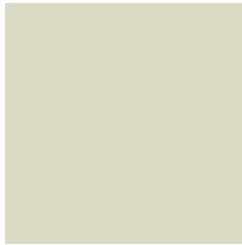
3.2030, 0.1509, 0.0630



0.2416, 0.1534, 0.0721

Previews

White Background



This preview shows how the Yxy color 69.3264, 0.3263, 0.3503 looks on a white background.

Color Contrast Check

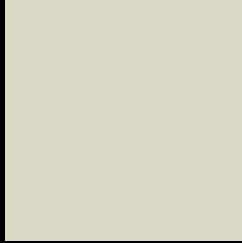
Large Text (above 18pt) WCAG AA × Fail

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 69.3264, 0.3263, 0.3503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

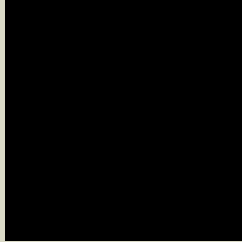
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

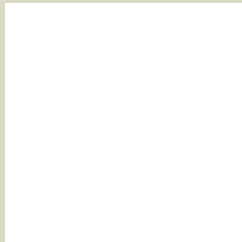
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.3264, 0.3263, 0.3503

Background



This preview shows how black text looks on a background with the Yxy color 69.3264, 0.3263, 0.3503.



This preview shows how white text looks on a background with the Yxy color 69.3264, 0.3263, 0.3503.

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

69.3264, 0.3263, 0.3503

Protanopia

69.1965, 0.3318, 0.3489

Deuteranopia

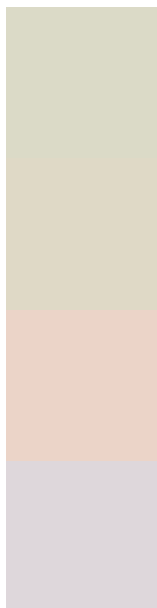
69.0511, 0.3454, 0.3376



Tritanopia

68.9896, 0.3085, 0.3107

Trichromacy



Original Color

69.3264, 0.3263, 0.3503

Protanomaly

69.3909, 0.3302, 0.3501

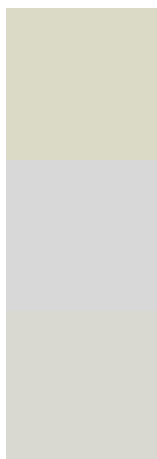
Deuteranomaly

68.9193, 0.3386, 0.3420

Tritanomaly

69.2449, 0.3151, 0.3246

Monochromacy



Original Color

69.3264, 0.3263, 0.3503

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

69.0306, 0.3174, 0.3368

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.3264, 0.3263, 0.3503 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, 218, 199)` looks like.

```
.text, #text, p{  
    color:rgb(219, 218, 199)  
}
```

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, 218, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 218, 199) }
```

Border

The CSS property to change the border of an element to Yxy 69.3264, 0.3263, 0.3503 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, 218, 199) }
```

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

```
.border{ border-color:rgb(219, 218, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 218, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 218, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 218, 199);  
box-shadow:4px 4px 4px 4px rgb(219, 218,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 69.3264, 0.3263, 0.3503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 218, 199) }
```

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

```
.background{ background-color: rgb(219,  
218, 199) }
```

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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