

Converting Colors

$Yxy(70.0056, 0.3272, 0.3518)$

Have a look what the booklet for
Yxy(70.0056, 0.3272, 0.3518)
contains.

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Color

Yxy(70.0022, 0.3270, 0.3513)

Conversions

Conversions Part 1

Format	Color
Hex	DCDBC7
RGB	220, 219, 199
RGB Percent	86%, 86%, 78%
CMY	0.1372, 0.1412, 0.2196
CMYK	0.00, 0.00, 0.10, 0.14
HSL	57°, 23%, 82%
HSV	57°, 10%, 86%
XYZ	65.1600, 70.0022, 64.1039
YIQ	217.0190, 7.0160, -6.0080

Conversions

Conversions Part 2

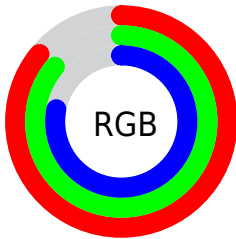
Format	Color
R _Y B	200, 220, 199
Decimal	14474183
CIE Lab	87.00, -3.08, 9.96
CIE LCh	87, 10.423, 107.184
Yxy	70.0022, 0.3270, 0.3513
Android (android.graphics.Color)	4292664263 (0xFFDCDBC7)
YUV	217.0190, -8.8834, 2.6143
Hunter-Lab	83.6673, -7.4022, 13.1405

Details

The Yxy color **70.0022, 0.3270, 0.3513** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.6262, 0.2979, 0.3057**, and the grayscale version is **69.4637, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.5946, 0.3306, 0.3568** is the 20% darker color. If you saturate the color by 10%, you get **68.4976, 0.3425, 0.3753**, and if you desaturate by 10%, it is **71.6643, 0.3121, 0.3280**.

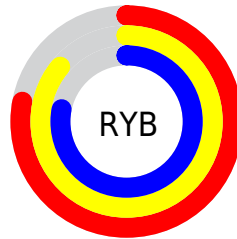
Distribution



Red (86%)

Green (86%)

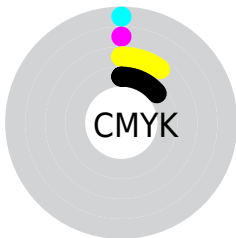
Blue (78%)



Red (78%)

Yellow (86%)

Blue (78%)

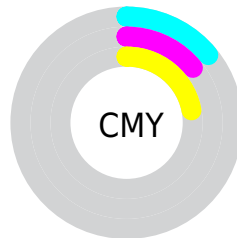


Cyan (0%)

Magenta (0%)

Yellow (10%)

Black (14%)



Cyan (14%)

Magenta (14%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.0022, 0.3270, 0.3513 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 70.0022, 0.3270, 0.3513 by changing the saturation by 10% instead.

■ 70.0022, 0.3270,
0.3513

■ 70.0022, 0.3270,
0.3513

460.5577, 0.3204,
0.3408

■ 51.5283, 0.3285,
0.3537

119.2119, 0.3247,
0.3476

■ 36.6292, 0.3304,
0.3567

150.7165, 0.3238,
0.3462

■ 24.9206, 0.3328,
0.3606

187.3335, 0.3230,
0.3450

■ 16.0179, 0.3359,
0.3657

229.4472, 0.3224,
0.3440

■ 9.5368, 0.3401,
0.3727

277.4421, 0.3218,
0.3430

■ 5.0929, 0.3463,
0.3831

331.7026, 0.3213,

■ 2.3019, 0.3558,

0.3422

0.3998

392.6130, 0.3208,
0.3415

0.7747, 0.4176,
0.4893

0.0000, 0.0000,
0.0000

70.0022, 0.3270,
0.3513

70.0022, 0.3270,
0.3513

68.4976, 0.3425,
0.3753

71.6643, 0.3121,
0.3280

67.1351, 0.3581,
0.3993

73.4806, 0.2980,
0.3058

65.9108, 0.3734,
0.4225

74.7990, 0.2907,
0.2948

64.8175, 0.3878,
0.4440

75.3719, 0.2907,
0.2960

63.8471, 0.4006,
0.4627

75.9485, 0.2908,
0.2971

62.9907, 0.4113,
0.4779

76.5286, 0.2908,
0.2982

62.2381, 0.4195,
0.4888

77.1125, 0.2908,
0.2994

61.5773, 0.4249,
0.4953

77.7000, 0.2909,
0.3005

60.9880, 0.4281,
0.4981

78.2911, 0.2909,
0.3017

Harmonies

Analogous

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



70.0022, 0.3355, 0.3475



70.0022, 0.3270, 0.3513



70.0022, 0.3148, 0.3489

Triad

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



70.0022, 0.3270, 0.3513



70.0022, 0.2883, 0.3183



70.0022, 0.3230, 0.3175

Complementary

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



70.0022, 0.3270, 0.3513



58.6262, 0.2979, 0.3057

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.



70.0022, 0.3102, 0.3101



70.0022, 0.3270, 0.3513



70.0022, 0.2904, 0.3103

Square

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



70.0022, 0.3270, 0.3513



70.0022, 0.2926, 0.3296



70.0022, 0.2983, 0.3074



70.0022, 0.3332, 0.3280

Rectangle

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



70.0022, 0.3270, 0.3513



70.0022, 0.3063, 0.3441



70.0022, 0.2983, 0.3074



70.0022, 0.3189, 0.3146

Sweetspot

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



70.0053, 0.3270, 0.3513



99.2791, 0.3172, 0.3360



60.2345, 0.3286, 0.3279



21.2093, 0.3184, 0.3378



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.



70.0053, 0.3270, 0.3513



97.4531, 0.3293, 0.3549



69.1068, 0.3199, 0.3529



15.1493, 0.3268, 0.3510



35.8182, 0.4280, 0.4983



2.3547, 0.4265, 0.4996

Inverse Universe

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



58.6262, 0.2979, 0.3057



79.2051, 0.2953, 0.3017



59.4876, 0.3050, 0.3050



12.7186, 0.2981, 0.3060



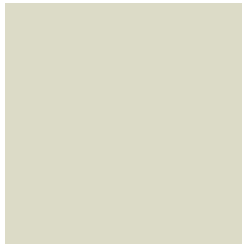
3.2163, 0.1509, 0.0633



0.2451, 0.1536, 0.0730

Previews

White Background



This preview shows how the Yxy color 70.0022, 0.3270, 0.3513 looks on a white background.

Color Contrast Check

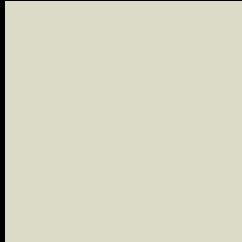
Large Text (above 18pt) WCAG AA × Fail

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 70.0022, 0.3270, 0.3513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

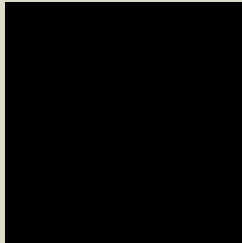
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

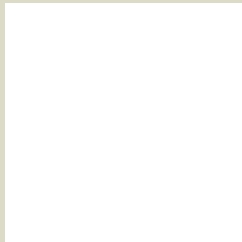
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.0022, 0.3270, 0.3513

Background



This preview shows how black text looks on a background with the Yxy color 70.0022, 0.3270, 0.3513.



This preview shows how white text looks on a background with the Yxy color 70.0022, 0.3270, 0.3513.

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

70.0022, 0.3270, 0.3513

Protanopia

69.8717, 0.3324, 0.3500

Deuteranopia

69.7227, 0.3460, 0.3386



Tritanopia

69.8702, 0.3092, 0.3108

Trichromacy



Original Color

70.0022, 0.3270, 0.3513

Protanomaly

70.0673, 0.3308, 0.3511

Deuteranomaly

69.5915, 0.3392, 0.3431

Tritanomaly

69.9142, 0.3158, 0.3257

Monochromacy



Original Color

70.0022, 0.3270, 0.3513

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 70.0022, 0.3270, 0.3513 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, 199)` looks like.

```
.text, #text, p{  
    color:rgb(220, 219, 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(220, 219, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 219, 199) }
```

Border

The CSS property to change the border of an element to Yxy 70.0022, 0.3270, 0.3513 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, 199) }
```

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

```
.border{ border-color:rgb(220, 219, 199) }
```

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, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 219, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 219, 199);  
box-shadow:4px 4px 4px 4px rgb(220, 219,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 70.0022, 0.3270, 0.3513 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, 199) }
```

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

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