

Converting Colors

Yxy(69.7350, 0.3149, 0.3566)

Have a look what the booklet for
Yxy(69.7350, 0.3149, 0.3566)
contains.

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Color

Yxy(69.7362, 0.3150, 0.3566)

Conversions

Conversions Part 1

Format	Color
Hex	CCDFC7
RGB	204, 223, 199
RGB Percent	80%, 87%, 78%
CMY	0.1999, 0.1255, 0.2198
CMYK	0.09, 0.00, 0.11, 0.13
HSL	107°, 27%, 83%
HSV	107°, 11%, 87%
XYZ	61.6010, 69.7362, 64.2214
YIQ	214.5830, -3.6200, -11.4920

Conversions

Conversions Part 2

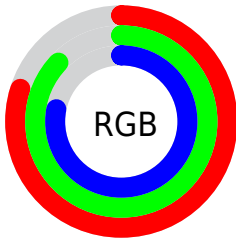
Format	Color
RYB	199, 223, 218
Decimal	13426631
CIELab	86.87, -10.69, 9.63
CIElCh	87, 14.391, 137.996
Yxy	69.7362, 0.3150, 0.3566
Android (android.graphics.Color)	4291616711 (0xFFCCDFC7)
YUV	214.5830, -7.6824, -9.2813
Hunter-Lab	83.5082, -14.4664, 12.8591

Details

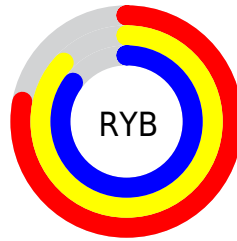
The Yxy color **69.7362, 0.3150, 0.3566** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.0506, 0.3101, 0.3023**, and the grayscale version is **67.7164, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.5336, 0.3157, 0.3639** is the 20% darker color. If you saturate the color by 10%, you get **66.4304, 0.3169, 0.3852**, and if you desaturate by 10%, it is **73.4807, 0.3129, 0.3309**.

Distribution



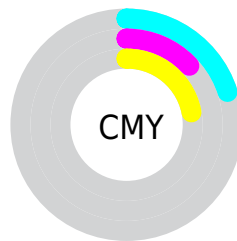
- Red (80%)
- Green (87%)
- Blue (78%)



- Red (78%)
- Yellow (87%)
- Blue (85%)



- Cyan (9%)
- Magenta (0%)
- Yellow (11%)
- Black (13%)



- Cyan (20%)
- Magenta (13%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.7362, 0.3150, 0.3566 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 69.7362, 0.3150, 0.3566 by changing the saturation by 10% instead.

■ 69.7362, 0.3150,
0.3566

■ 69.7362, 0.3150,
0.3566

459.6232, 0.3140,
0.3435

■ 51.3115, 0.3152,
0.3597

118.8325, 0.3147,
0.3520

■ 36.4566, 0.3154,
0.3635

150.2729, 0.3146,
0.3502

■ 24.7870, 0.3157,
0.3685

186.8206, 0.3145,
0.3487

■ 15.9185, 0.3160,
0.3751

228.8600, 0.3144,
0.3474

■ 9.4665, 0.3163,
0.3844

276.7756, 0.3143,
0.3462

■ 5.0467, 0.3165,
0.3982

330.9518, 0.3142,

■ 2.2747, 0.3164,

0.3452

0.4213

391.7728, 0.3141,
0.3443

0.7603, 0.3353,
0.5524

0.0000, 0.0000,
0.0000

69.7362, 0.3150,
0.3566

69.7362, 0.3150,
0.3566

66.4304, 0.3169,
0.3852

73.4807, 0.3129,
0.3309

63.5384, 0.3184,
0.4165

77.6698, 0.3107,
0.3081

61.0463, 0.3194,
0.4497

81.2555, 0.3142,
0.2980

58.9361, 0.3196,
0.4834

■ 57.1883, 0.3189,
0.5161

■ 55.7817, 0.3171,
0.5453

■ 54.6925, 0.3142,
0.5689

■ 53.8939, 0.3105,
0.5854

■ 53.3811, 0.3070,
0.5945

Harmonies

Analogous

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



69.7362, 0.3320, 0.3600



69.7362, 0.3150, 0.3566



69.7362, 0.2978, 0.3451

Triad

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



69.7362, 0.3150, 0.3566



69.7362, 0.2822, 0.3030



69.7362, 0.3414, 0.3278

Complementary

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



69.7362, 0.3150, 0.3566



61.0506, 0.3101, 0.3023

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.



69.7362, 0.3274, 0.3136



69.7362, 0.3150, 0.3566



69.7362, 0.2932, 0.2994

Square

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



69.7362, 0.3150, 0.3566



69.7362, 0.2792, 0.3137



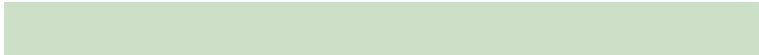
69.7362, 0.3097, 0.3033



69.7362, 0.3475, 0.3428

Rectangle

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



69.7362, 0.3150, 0.3566



69.7362, 0.2884, 0.3347



69.7362, 0.3097, 0.3033



69.7362, 0.3374, 0.3228

Sweetspot

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



69.7392, 0.3150, 0.3566



98.3902, 0.3134, 0.3364



69.8445, 0.3294, 0.3499



20.9695, 0.3135, 0.3384



0.0000, 0.0000, 0.0000



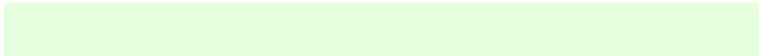
21.4041, 0.3127, 0.3290

Same Dimension

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



69.7392, 0.3150, 0.3566



93.4184, 0.3155, 0.3630



69.3573, 0.3070, 0.3488



15.4759, 0.3147, 0.3530



31.4267, 0.3077, 0.5939



2.2169, 0.3180, 0.5857

Inverse Universe

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



61.0506, 0.3101, 0.3023



79.3403, 0.3094, 0.2963



61.4843, 0.3189, 0.3099



13.7820, 0.3104, 0.3057



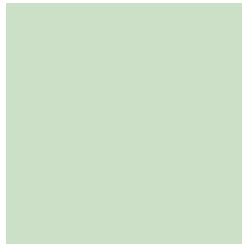
8.6063, 0.2682, 0.1251



0.6335, 0.2767, 0.1298

Previews

White Background



This preview shows how the Yxy color 69.7362, 0.3150, 0.3566 looks on a white background.

Color Contrast Check

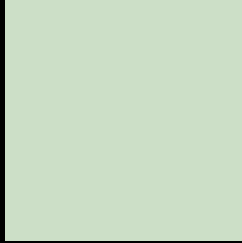
Large Text (above 18pt) WCAG AA × Fail

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 69.7362, 0.3150, 0.3566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

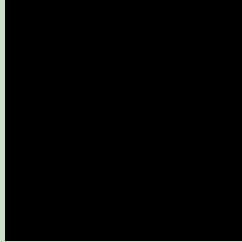
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

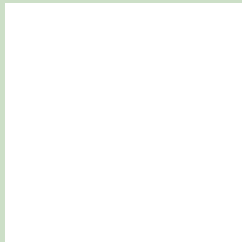
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.7362, 0.3150, 0.3566

Background



This preview shows how black text looks on a background with the Yxy color 69.7362, 0.3150, 0.3566.



This preview shows how white text looks on a background with the Yxy color 69.7362, 0.3150, 0.3566.

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

69.7362, 0.3150, 0.3566

Protanopia

69.7800, 0.3338, 0.3522

Deuteranopia

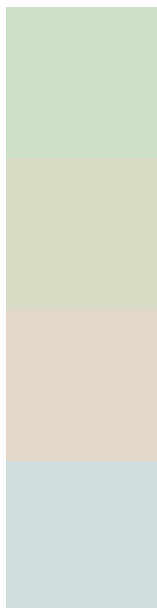
69.5906, 0.3444, 0.3375



Tritanopia

69.8426, 0.2961, 0.3103

Trichromacy



Original Color

69.7362, 0.3150, 0.3566

Protanomaly

69.5997, 0.3269, 0.3537

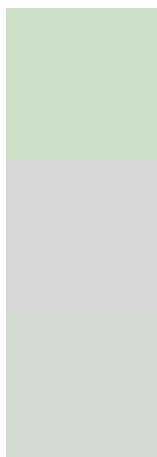
Deuteranomaly

69.4759, 0.3328, 0.3443

Tritanomaly

69.8702, 0.3030, 0.3267

Monochromacy



Original Color

69.7362, 0.3150, 0.3566

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

68.5951, 0.3137, 0.3391

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.7362, 0.3150, 0.3566 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(204, 223, 199)` looks like.

```
.text, #text, p{  
    color:rgb(204, 223, 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(204, 223, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 223, 199) }
```

Border

The CSS property to change the border of an element to Yxy 69.7362, 0.3150, 0.3566 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(204, 223, 199) }
```

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

```
.border{ border-color:rgb(204, 223, 199) }
```

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

Here you see how a box with a 4 pixel rgb(204, 223, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 223, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 223, 199);  
box-shadow:4px 4px 4px 4px rgb(204, 223,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 69.7362, 0.3150, 0.3566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 223, 199) }
```

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

```
.background{ background-color: rgb(204,  
223, 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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