

Converting Colors

Yxy(69.0543, 0.3223, 0.3660)

Have a look what the booklet for
Yxy(69.0543, 0.3223, 0.3660)
contains.

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Color

Yxy(69.0821, 0.3224, 0.3659)

Conversions

Conversions Part 1

Format	Color
Hex	CEDEBE
RGB	206, 222, 190
RGB Percent	81%, 87%, 75%
CMY	0.1922, 0.1294, 0.2548
CMYK	0.07, 0.00, 0.14, 0.13
HSL	90°, 33%, 81%
HSV	90°, 14%, 87%
XYZ	60.8693, 69.0821, 58.8491
YIQ	213.5680, 0.7360, -13.3440

Conversions

Conversions Part 2

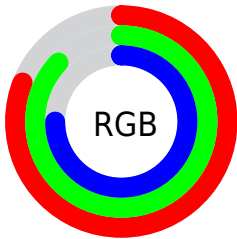
Format	Color
RYB	190, 222, 206
Decimal	13557438
CIELab	86.54, -11.02, 13.89
CIELCh	87, 17.731, 128.441
Yxy	69.0821, 0.3224, 0.3659
Android (android.graphics.Color)	4291747518 (0xFFCEDEBE)
YUV	213.5680, -11.6190, -6.6371
Hunter-Lab	83.1156, -14.7289, 16.2013

Details

The Yxy color **69.0821, 0.3224, 0.3659** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **55.2333, 0.3018, 0.2921**, and the grayscale version is **67.0207, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4338, 0.3179, 0.3376**, and **36.1190, 0.3245, 0.3747** is the 20% darker color. If you saturate the color by 10%, you get **66.6526, 0.3289, 0.3940**, and if you desaturate by 10%, it is **71.7779, 0.3157, 0.3398**.

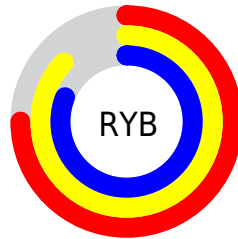
Distribution



Red (81%)

Green (87%)

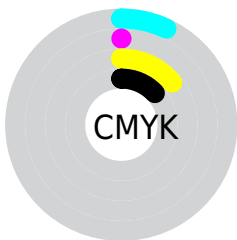
Blue (75%)



Red (75%)

Yellow (87%)

Blue (81%)

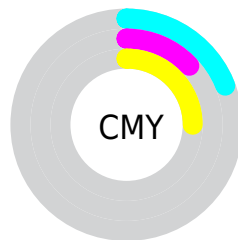


Cyan (7%)

Magenta (0%)

Yellow (14%)

Black (13%)



Cyan (19%)


Magenta (13%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.0821, 0.3224, 0.3659 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 69.0821, 0.3224, 0.3659 by changing the saturation by 10% instead.


 69.0821, 0.3224,
0.3659

 69.0821, 0.3224,
0.3659


457.3205, 0.3181,
0.3483

 50.7786, 0.3234,
0.3700

 117.8988, 0.3209,
0.3597

 36.0324, 0.3245,
0.3752


149.1808, 0.3203,
0.3573

 24.4592, 0.3259,
0.3819


185.5578, 0.3198,
0.3553

 15.6746, 0.3278,
0.3908

227.4141, 0.3194,
0.3535

 9.2942, 0.3301,
0.4033

275.1341, 0.3190,
0.3520

 4.9336, 0.3331,
0.4221

329.1022, 0.3186,

 2.2083, 0.3368,

0.3506

0.4530

389.7029, 0.3183,
0.3494

0.7245, 0.3667,
0.6333

0.0000, 0.0000,
0.0000

69.0821, 0.3224,
0.3659

69.0821, 0.3224,
0.3659

66.6526, 0.3289,
0.3940

71.7779, 0.3157,
0.3398

64.4714, 0.3349,
0.4234

74.7395, 0.3090,
0.3159

62.5319, 0.3400,
0.4535

77.8733, 0.3035,
0.2959

60.8240, 0.3437,
0.4830

79.8705, 0.3111,
0.2967

■ 59.3364, 0.3457,
0.5104

■ 80.7255, 0.3142,
0.2970

■ 58.0567, 0.3456,
0.5342

■ 56.9710, 0.3432,
0.5530

■ 56.0627, 0.3387,
0.5662

■ 55.6185, 0.3357,
0.5716

Harmonies

Analogous

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



69.0821, 0.3421, 0.3663



69.0821, 0.3224, 0.3659



69.0821, 0.3006, 0.3545

Triad

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



69.0821, 0.3224, 0.3659



69.0821, 0.2728, 0.3001



69.0821, 0.3435, 0.3216

Complementary

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



69.0821, 0.3224, 0.3659



55.2333, 0.3018, 0.2921

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.



69.0821, 0.3240, 0.3054



69.0821, 0.3224, 0.3659



69.0821, 0.2834, 0.2930

Square

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



69.0821, 0.3224, 0.3659



69.0821, 0.2725, 0.3155



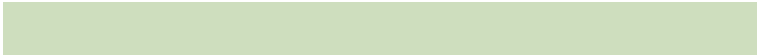
69.0821, 0.3019, 0.2950



69.0821, 0.3547, 0.3401

Rectangle

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



69.0821, 0.3224, 0.3659



69.0821, 0.2878, 0.3424



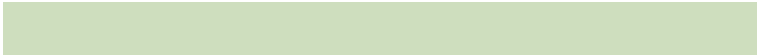
69.0821, 0.3019, 0.2950



69.0821, 0.3377, 0.3157

Sweetspot

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



69.0851, 0.3224, 0.3659



98.4050, 0.3154, 0.3389



63.3965, 0.3368, 0.3472



21.0000, 0.3159, 0.3408



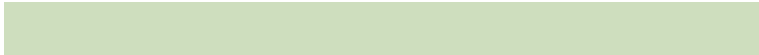
0.0000, 0.0000, 0.0000



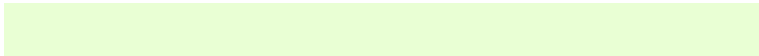
21.4041, 0.3127, 0.3290

Same Dimension

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



69.0851, 0.3224, 0.3659



93.6308, 0.3242, 0.3734



66.9130, 0.3109, 0.3672



15.6718, 0.3191, 0.3527



33.1006, 0.3368, 0.5708



2.3476, 0.3485, 0.5615

Inverse Universe

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



55.2333, 0.3018, 0.2921



71.5139, 0.2995, 0.2847



57.6383, 0.3144, 0.2935



13.5786, 0.3059, 0.3053



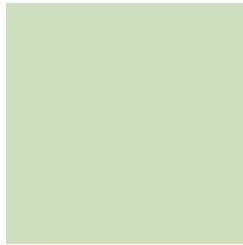
5.2101, 0.2028, 0.0891



0.4144, 0.2195, 0.0983

Previews

White Background



This preview shows how the Yxy color 69.0821, 0.3224, 0.3659 looks on a white background.

Color Contrast Check

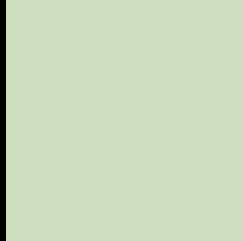
Large Text (above 18pt) WCAG AA × Fail

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 69.0821, 0.3224, 0.3659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

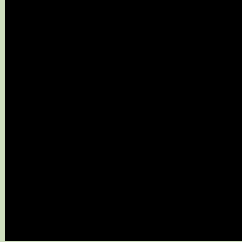
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

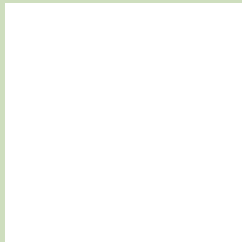
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.0821, 0.3224, 0.3659

Background



This preview shows how black text looks on a background with the Yxy color 69.0821, 0.3224, 0.3659.



This preview shows how white text looks on a background with the Yxy color 69.0821, 0.3224, 0.3659.

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

69.0821, 0.3224, 0.3659

Protanopia

69.0305, 0.3411, 0.3612

Deuteranopia

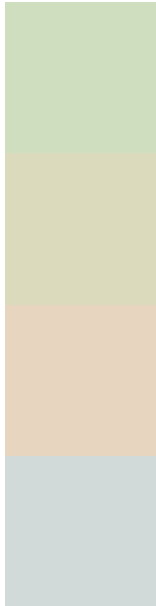
68.5548, 0.3532, 0.3450



Tritanopia

68.9920, 0.2987, 0.3103

Trichromacy



Original Color

69.0821, 0.3224, 0.3659

Protanomaly

68.8337, 0.3340, 0.3628

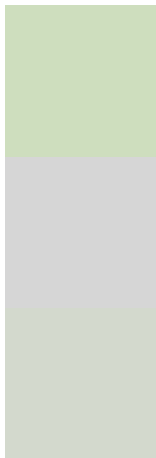
Deuteranomaly

68.3832, 0.3412, 0.3521

Tritanomaly

68.8542, 0.3077, 0.3301

Monochromacy



Original Color

69.0821, 0.3224, 0.3659

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.8824, 0.3164, 0.3426

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.0821, 0.3224, 0.3659 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(206, 222, 190)` looks like.

```
.text, #text, p{  
    color:rgb(206, 222, 190)  
}
```

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(206, 222, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 222, 190) }
```

Border

The CSS property to change the border of an element to Yxy 69.0821, 0.3224, 0.3659 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(206, 222, 190) }
```

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

```
.border{ border-color:rgb(206, 222, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 222, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 222, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 222, 190);  
box-shadow:4px 4px 4px 4px rgb(206, 222,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 69.0821, 0.3224, 0.3659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 222, 190) }
```

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

```
.background{ background-color: rgb(206,  
222, 190) }
```

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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