

Converting Colors

Yxy(69.9524, 0.3474, 0.4084)

Have a look what the booklet for
Yxy(69.9524, 0.3474, 0.4084)
contains.

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Color

Yxy(69.9524, 0.3474, 0.4084)

Conversions

Conversions Part 1

Format	Color
Hex	D2E19C
RGB	210, 225, 156
RGB Percent	82%, 88%, 61%
CMY	0.1765, 0.1176, 0.3881
CMYK	0.07, 0.00, 0.31, 0.12
HSL	73°, 53%, 75%
HSV	73°, 31%, 88%
XYZ	59.5041, 69.9524, 41.8276
YIQ	212.6490, 13.2090, -24.6390

Conversions

Conversions Part 2

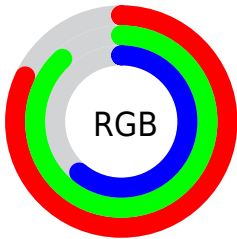
Format	Color
RYB	156, 225, 171
Decimal	13820316
CIELab	86.97, -16.12, 32.15
CIELCh	87, 35.966, 116.626
Yxy	69.9524, 0.3474, 0.4084
Android (android.graphics.Color)	4292010396 (0xFFD2E19C)
YUV	212.6490, -27.9280, -2.3232
Hunter-Lab	83.6376, -19.3716, 28.8951

Details

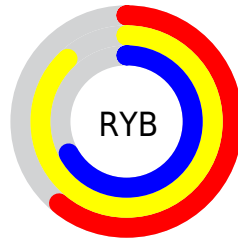
The Yxy color **69.9524, 0.3474, 0.4084** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.8832, 0.2702, 0.2421**, and the grayscale version is **66.4783, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4831, 0.3388, 0.3721**, and **36.7175, 0.3547, 0.4285** is the 20% darker color. If you saturate the color by 10%, you get **68.5545, 0.3579, 0.4350**, and if you desaturate by 10%, it is **71.5197, 0.3362, 0.3816**.

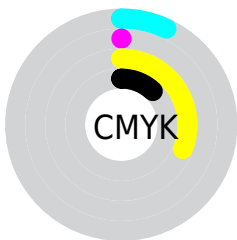
Distribution



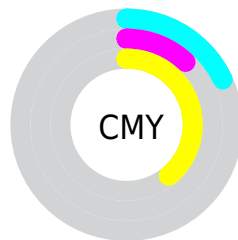
- Red (82%)
- Green (88%)
- Blue (61%)



- Red (61%)
- Yellow (88%)
- Blue (67%)



- Cyan (7%)
- Magenta (0%)
- Yellow (31%)
- Black (12%)





- Cyan (18%)
- Magenta (12%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.9524, 0.3474, 0.4084 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 69.9524, 0.3474, 0.4084 by changing the saturation by 10% instead.

 69.9524, 0.3474,
0.4084


 69.9524, 0.3474,
0.4084


460.3829, 0.3321,
0.3705

 51.4877, 0.3506,
0.4173


 119.1409, 0.3423,
0.3951

 36.5969, 0.3545,
0.4283


 150.6335, 0.3402,
0.3899

 24.8956, 0.3590,
0.4423


187.2375, 0.3384,
0.3855

 15.9993, 0.3644,
0.4607

229.3373, 0.3369,
0.3817

 9.5236, 0.3705,
0.4856

277.3174, 0.3355,
0.3784

 5.0843, 0.3766,
0.5206

331.5621, 0.3342,

 2.2968, 0.3985,

0.3755

0.6015

392.4558, 0.3331,
0.3728

0.7720, 0.3059,
0.6941

0.0000, 0.0000,
0.0000

69.9524, 0.3474,
0.4084

69.9524, 0.3474,
0.4084

68.5545, 0.3579,
0.4350

71.5197, 0.3362,
0.3816

67.3087, 0.3671,
0.4604


73.2545, 0.3248,
0.3555

66.2094, 0.3746,
0.4835


75.1667, 0.3135,
0.3306

65.2467, 0.3798,
0.5033


77.2630, 0.3025,
0.3073

 64.4096, 0.3825,
0.5187


 78.6473, 0.3002,
0.2987


 63.6848, 0.3826,
0.5294

 79.4900, 0.3035,
0.2990

 63.0881, 0.3808,
0.5358

 80.3557, 0.3068,
0.2993

 81.2448, 0.3101,
0.2996

 82.1573, 0.3134,
0.2999

Harmonies

Analogous

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



69.9524, 0.3831, 0.3973



69.9524, 0.3474, 0.4084



69.9524, 0.3040, 0.3946

Triad

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



69.9524, 0.3474, 0.4084



69.9524, 0.2323, 0.2802



69.9524, 0.3606, 0.3004

Complementary

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



69.9524, 0.3474, 0.4084



37.8832, 0.2702, 0.2421

Split Complementary

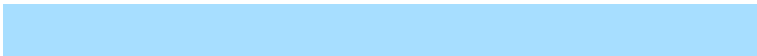
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.9524, 0.3168, 0.2738



69.9524, 0.3474, 0.4084



69.9524, 0.2447, 0.2612

Square

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



69.9524, 0.3474, 0.4084



69.9524, 0.2392, 0.3153



69.9524, 0.2746, 0.2596



69.9524, 0.3920, 0.3344

Rectangle

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



69.9524, 0.3474, 0.4084



69.9524, 0.2766, 0.3723



69.9524, 0.2746, 0.2596



69.9524, 0.3467, 0.2905

Sweetspot

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



69.9555, 0.3474, 0.4084



97.6740, 0.3229, 0.3514



47.5238, 0.3766, 0.3468



20.8297, 0.3246, 0.3552



0.0000, 0.0000, 0.0000



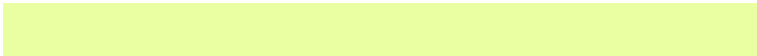
21.4041, 0.3127, 0.3290

Same Dimension

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



69.9555, 0.3474, 0.4084



91.6522, 0.3544, 0.4260



65.4348, 0.3220, 0.4152



15.8712, 0.3234, 0.3524



36.4050, 0.3814, 0.5353



2.5612, 0.3876, 0.5305

Inverse Universe

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



37.8832, 0.2702, 0.2421



42.4337, 0.2590, 0.2205



42.2660, 0.2992, 0.2490



13.3864, 0.3014, 0.3050



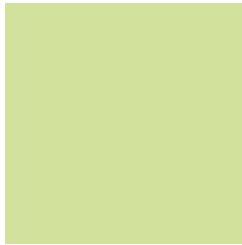
3.5503, 0.1616, 0.0664



0.2852, 0.1765, 0.0746

Previews

White Background



This preview shows how the Yxy color 69.9524, 0.3474, 0.4084 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 69.9524, 0.3474, 0.4084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

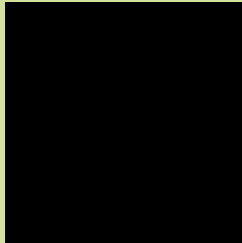
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.9524, 0.3474, 0.4084

Background



This preview shows how black text looks on a background with the Yxy color 69.9524, 0.3474, 0.4084.



This preview shows how white text looks on a background with the Yxy color 69.9524, 0.3474, 0.4084.

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

69.9524, 0.3474, 0.4084

Protanopia

69.5878, 0.3713, 0.3986

Deuteranopia

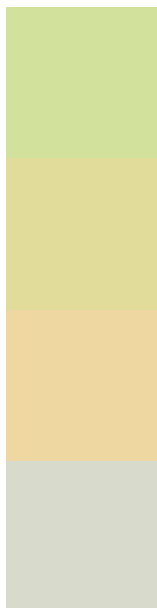
69.5413, 0.3822, 0.3757



Tritanopia

69.6427, 0.3050, 0.3106

Trichromacy



Original Color

69.9524, 0.3474, 0.4084

Protanomaly

69.6882, 0.3625, 0.4024

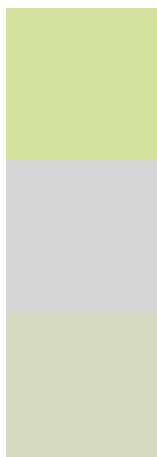
Deuteranomaly

69.5248, 0.3695, 0.3873

Tritanomaly

69.6216, 0.3206, 0.3458

Monochromacy



Original Color

69.9524, 0.3474, 0.4084

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

67.4285, 0.3261, 0.3576

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.9524, 0.3474, 0.4084 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(210, 225, 156)` looks like.

```
.text, #text, p{  
    color:rgb(210, 225, 156)  
}
```

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(210, 225, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 225, 156) }
```

Border

The CSS property to change the border of an element to Yxy 69.9524, 0.3474, 0.4084 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(210, 225, 156) }
```

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

```
.border{ border-color:rgb(210, 225, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 225, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 225, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 225, 156);  
box-shadow:4px 4px 4px 4px rgb(210, 225,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 69.9524, 0.3474, 0.4084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 225, 156) }
```

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

```
.background{ background-color: rgb(210,  
225, 156) }
```

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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