

Converting Colors

$Yxy(71.0198, 0.3126, 0.3508)$

Have a look what the booklet for
Yxy(71.0198, 0.3126, 0.3508)
contains.

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Color

Yxy(70.8409, 0.3124, 0.3506)

Conversions

Conversions Part 1

Format	Color
Hex	CEE0CD
RGB	206, 224, 205
RGB Percent	81%, 88%, 80%
CMY	0.1922, 0.1215, 0.1961
CMYK	0.08, 0.00, 0.08, 0.12
HSL	117°, 23%, 84%
HSV	117°, 8%, 88%
XYZ	63.1224, 70.8409, 68.0929
YIQ	216.4520, -4.6290, -9.7250

Conversions

Conversions Part 2

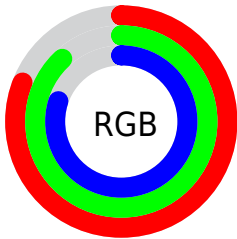
Format	Color
R_{YB}	205, 224, 223
Decimal	13557965
CIE Lab	87.41, -9.49, 7.26
CIE LCh	87, 11.947, 142.594
Yxy	70.8409, 0.3124, 0.3506
Android (android.graphics.Color)	4291748045 (0xFFCEE0CD)
YUV	216.4520, -5.6458, -9.1664
Hunter-Lab	84.1670, -13.4235, 10.9500

Details

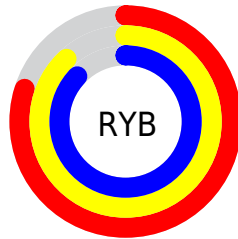
The Yxy color **70.8409, 0.3124, 0.3506** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.7280, 0.3129, 0.3082**, and the grayscale version is **69.0341, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.2857, 0.3124, 0.3559** is the 20% darker color. If you saturate the color by 10%, you get **67.0028, 0.3119, 0.3792**, and if you desaturate by 10%, it is **75.2503, 0.3128, 0.3254**.

Distribution



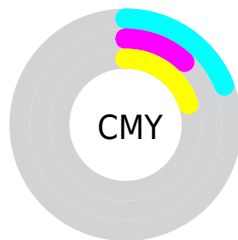
- Red (81%)
- Green (88%)
- Blue (80%)



- Red (80%)
- Yellow (88%)
- Blue (87%)



- Cyan (8%)
- Magenta (0%)
- Yellow (8%)
- Black (12%)





- Cyan (19%)
- Magenta (12%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.8409, 0.3124, 0.3506 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 70.8409, 0.3124, 0.3506 by changing the saturation by 10% instead.

 70.8409, 0.3124,
0.3506

 70.8409, 0.3124,
0.3506


463.4971, 0.3126,
0.3404

 52.2124, 0.3123,
0.3530


120.4072, 0.3125,
0.3470

 37.1744, 0.3122,
0.3560


152.1137, 0.3125,
0.3456

 25.3425, 0.3121,
0.3598


188.9483, 0.3125,
0.3445

 16.3324, 0.3119,
0.3648

231.2955, 0.3126,
0.3434

 9.7597, 0.3115,
0.3719

279.5395, 0.3126,
0.3425

 5.2399, 0.3109,
0.3824


334.0649, 0.3126,

 2.3887, 0.3097,


0.3417


0.3997


395.2559, 0.3126,
0.3410

 0.8201, 0.3124,
0.4677


 0.0000, 0.0000,
0.0000

 70.8409, 0.3124,
0.3506


 70.8409, 0.3124,
0.3506


 67.0028, 0.3119,
0.3792

 75.2503, 0.3128,
0.3254

 63.7041, 0.3111,
0.4109

 80.2435, 0.3130,
0.3035

 60.9233, 0.3101,
0.4452

 81.7981, 0.3141,
0.2990

 58.6340, 0.3088,
0.4807

■ 56.8078, 0.3073,
0.5155

■ 55.4129, 0.3056,
0.5468

■ 54.4138, 0.3039,
0.5721

■ 53.7694, 0.3023,
0.5894

■ 53.4264, 0.3010,
0.5983

Harmonies

Analogous

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



70.8409, 0.3267, 0.3546



70.8409, 0.3124, 0.3506



70.8409, 0.2984, 0.3404

Triad

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



70.8409, 0.3124, 0.3506



70.8409, 0.2884, 0.3066



70.8409, 0.3376, 0.3301

Complementary

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



70.8409, 0.3124, 0.3506



64.7280, 0.3129, 0.3082

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.



70.8409, 0.3269, 0.3179



70.8409, 0.3124, 0.3506



70.8409, 0.2985, 0.3045

Square

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



70.8409, 0.3124, 0.3506



70.8409, 0.2848, 0.3148



70.8409, 0.3125, 0.3087



70.8409, 0.3415, 0.3423

Rectangle

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



70.8409, 0.3124, 0.3506



70.8409, 0.2911, 0.3317



70.8409, 0.3125, 0.3087



70.8409, 0.3347, 0.3259

Sweetspot

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



70.8439, 0.3124, 0.3506



98.1679, 0.3126, 0.3364



72.8950, 0.3254, 0.3484



20.9097, 0.3126, 0.3384



0.0000, 0.0000, 0.0000



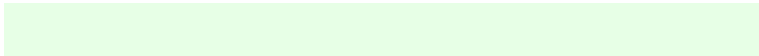
21.4041, 0.3127, 0.3290

Same Dimension

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



70.8439, 0.3124, 0.3506



94.1664, 0.3123, 0.3549



71.1107, 0.3064, 0.3411



15.3713, 0.3124, 0.3532



31.0905, 0.3012, 0.5991



2.1673, 0.3046, 0.5963

Inverse Universe

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



64.7280, 0.3129, 0.3082



84.5436, 0.3130, 0.3043



64.4499, 0.3196, 0.3172



13.8972, 0.3130, 0.3058



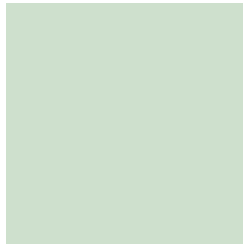
11.3205, 0.3079, 0.1470



0.7960, 0.3100, 0.1482

Previews

White Background



This preview shows how the Yxy color 70.8409, 0.3124, 0.3506 looks on a white background.

Color Contrast Check

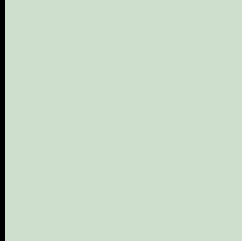
Large Text (above 18pt) WCAG AA × Fail

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 70.8409, 0.3124, 0.3506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

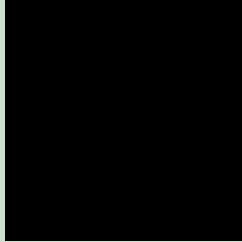
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

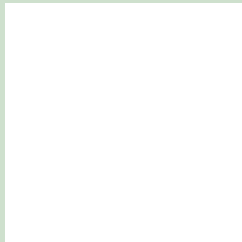
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.8409, 0.3124, 0.3506

Background



This preview shows how black text looks on a background with the Yxy color 70.8409, 0.3124, 0.3506.

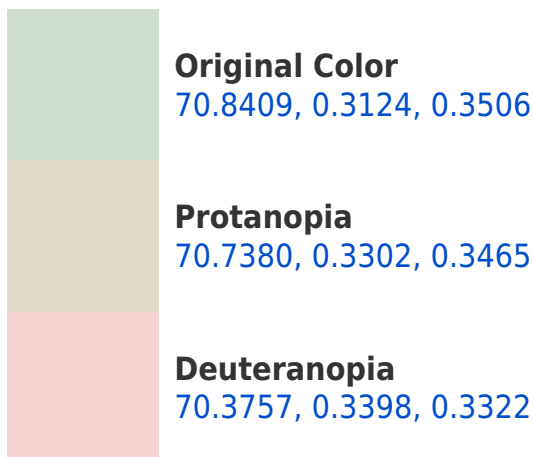


This preview shows how white text looks on a background with the Yxy color 70.8409, 0.3124, 0.3506.

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





Tritanopia

70.6263, 0.2956, 0.3094

Trichromacy



Original Color

70.8409, 0.3124, 0.3506

Protanomaly

70.5583, 0.3234, 0.3479

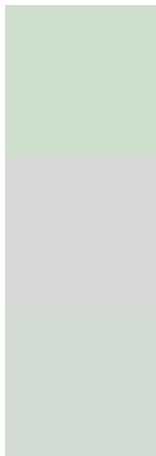
Deuteranomaly

70.4397, 0.3292, 0.3388

Tritanomaly

70.7045, 0.3018, 0.3245

Monochromacy



Original Color

70.8409, 0.3124, 0.3506

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

69.4136, 0.3123, 0.3368

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.8409, 0.3124, 0.3506 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, 224, 205)` looks like.

```
.text, #text, p{  
    color:rgb(206, 224, 205)  
}
```

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, 224, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 224, 205) }
```

Border

The CSS property to change the border of an element to Yxy 70.8409, 0.3124, 0.3506 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, 224, 205) }
```

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

```
.border{ border-color:rgb(206, 224, 205) }
```

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

Here you see how a box with a 4 pixel rgb(206, 224, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 224, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 224, 205);  
box-shadow:4px 4px 4px 4px rgb(206, 224,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 70.8409, 0.3124, 0.3506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 224, 205) }
```

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

```
.background{ background-color: rgb(206,  
224, 205) }
```

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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