

Converting Colors

$Yxy(74.6256, 0.3195, 0.3535)$

Have a look what the booklet for
Yxy(74.6256, 0.3195, 0.3535)
contains.

Yxy(74.6948, 0.3192, 0.3533)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(74.6948, 0.3192, 0.3533)

Conversions

Conversions Part 1

Format	Color
Hex	D9E4CE
RGB	217, 228, 206
RGB Percent	85%, 89%, 81%
CMY	0.1492, 0.1058, 0.1922
CMYK	0.05, 0.00, 0.10, 0.11
HSL	90°, 29%, 85%
HSV	90°, 10%, 89%
XYZ	67.4854, 74.6948, 69.2402
YIQ	222.2030, 0.5060, -9.1740

Conversions

Conversions Part 2

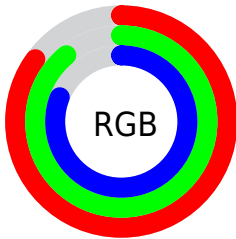
Format	Color
R_{YB}	206, 228, 217
Decimal	14279886
CIE _{Lab}	89.25, -7.60, 9.48
CIE _{LCh}	89, 12.150, 128.734
Yxy	74.6948, 0.3192, 0.3533
Android (android.graphics.Color)	4292469966 (0xFFD9E4CE)
YUV	222.2030, -7.9881, -4.5630
Hunter-Lab	86.4262, -11.8651, 12.9982

Details

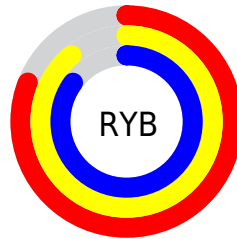
The Yxy color **74.6948, 0.3192, 0.3533** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.4966, 0.3057, 0.3047**, and the grayscale version is **73.2507, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.8355, 0.3203, 0.3593** is the 20% darker color. If you saturate the color by 10%, you get **71.9743, 0.3258, 0.3805**, and if you desaturate by 10%, it is **77.7044, 0.3125, 0.3282**.

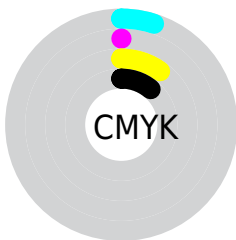
Distribution



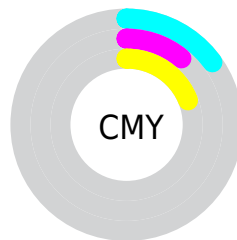
- Red (85%)
- Green (89%)
- Blue (81%)



- Red (81%)
- Yellow (89%)
- Blue (85%)



- Cyan (5%)
- Magenta (0%)
- Yellow (10%)
- Black (11%)



- Cyan (15%)
- Magenta (11%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.6948, 0.3192, 0.3533 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 74.6948, 0.3192, 0.3533 by changing the saturation by 10% instead.

■ 74.6948, 0.3192,
0.3533

■ 74.6948, 0.3192,
0.3533

476.8679, 0.3163,
0.3420

■ 55.3629, 0.3198,
0.3559

125.8802, 0.3182,
0.3493

■ 39.6923, 0.3206,
0.3592

158.5026, 0.3178,
0.3478

■ 27.2988, 0.3216,
0.3633

196.3238, 0.3175,
0.3465

■ 17.7977, 0.3229,
0.3688

239.7284, 0.3172,
0.3453

■ 10.8049, 0.3245,
0.3763

289.1007, 0.3169,
0.3443

■ 5.9358, 0.3267,
0.3873

344.8251, 0.3167,

■ 2.8061, 0.3299,

0.3435

0.4049

407.2861, 0.3165,
0.3427

■ 1.0313, 0.3468,
0.4541

■ 0.0000, 0.0000,
0.0000

■ 74.6948, 0.3192,
0.3533

■ 74.6948, 0.3192,
0.3533

■ 71.9743, 0.3258,
0.3805

■ 77.7044, 0.3125,
0.3282

■ 69.5239, 0.3321,
0.4095

■ 81.0023, 0.3059,
0.3054

■ 67.3369, 0.3376,
0.4395

■ 83.2878, 0.3115,
0.3027

■ 65.4027, 0.3420,
0.4695

■ 83.9791, 0.3139,
0.3029

■ 63.7098, 0.3448,
0.4981

■ 62.2455, 0.3457,
0.5238

■ 60.9960, 0.3443,
0.5452

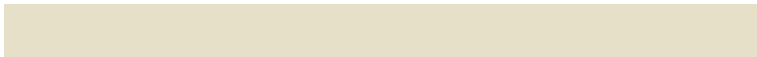
■ 59.9448, 0.3408,
0.5610

■ 59.0667, 0.3355,
0.5716

Harmonies

Analogous

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



74.6948, 0.3323, 0.3539



74.6948, 0.3192, 0.3533



74.6948, 0.3046, 0.3457

Triad

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



74.6948, 0.3192, 0.3533



74.6948, 0.2859, 0.3097



74.6948, 0.3333, 0.3243

Complementary

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



74.6948, 0.3192, 0.3533



64.4966, 0.3057, 0.3047

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.



74.6948, 0.3205, 0.3131



74.6948, 0.3192, 0.3533



74.6948, 0.2932, 0.3047

Square

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



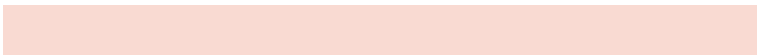
74.6948, 0.3192, 0.3533



74.6948, 0.2856, 0.3201



74.6948, 0.3058, 0.3060



74.6948, 0.3406, 0.3368

Rectangle

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



74.6948, 0.3192, 0.3533



74.6948, 0.2960, 0.3378



74.6948, 0.3058, 0.3060



74.6948, 0.3295, 0.3203

Sweetspot

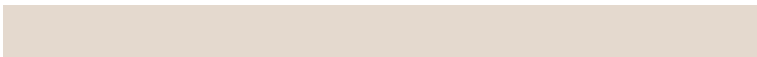
The Sweet Spot groups the original color and five complimentary colors.



74.6980, 0.3192, 0.3533



98.7953, 0.3147, 0.3364



70.5796, 0.3283, 0.3410



21.0786, 0.3153, 0.3384



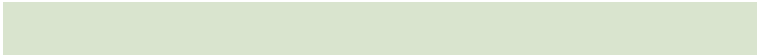
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



74.6980, 0.3192, 0.3533



95.3831, 0.3208, 0.3597



73.0735, 0.3115, 0.3539



16.4395, 0.3191, 0.3528



34.1545, 0.3364, 0.5711



2.5791, 0.3475, 0.5623

Inverse Universe

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



64.4966, 0.3057, 0.3047



79.2326, 0.3038, 0.2984



66.2339, 0.3138, 0.3053



14.2412, 0.3059, 0.3053



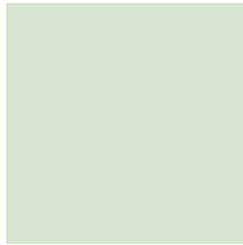
5.3927, 0.2030, 0.0892



0.4537, 0.2188, 0.0979

Previews

White Background



This preview shows how the Yxy color 74.6948, 0.3192, 0.3533 looks on a white background.

Color Contrast Check

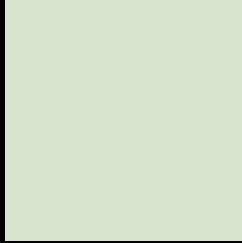
Large Text (above 18pt) WCAG AA × Fail

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 74.6948, 0.3192, 0.3533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

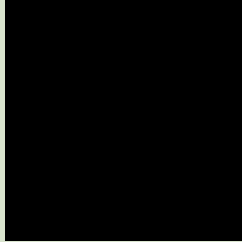
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

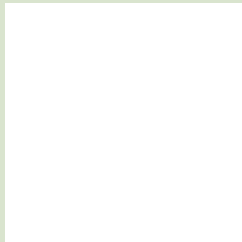
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.6948, 0.3192, 0.3533

Background



This preview shows how black text looks on a background with the Yxy color 74.6948, 0.3192, 0.3533.

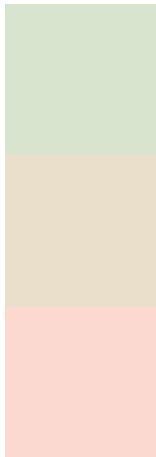


This preview shows how white text looks on a background with the Yxy color 74.6948, 0.3192, 0.3533.

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

74.6948, 0.3192, 0.3533

Protanopia

74.4108, 0.3333, 0.3505

Deuteranopia

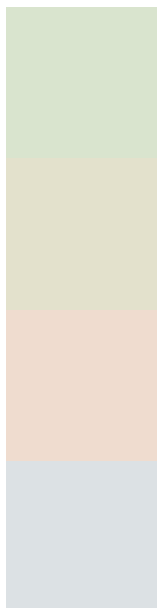
74.1750, 0.3444, 0.3373



Tritanopia

74.6558, 0.3005, 0.3100

Trichromacy



Original Color

74.6948, 0.3192, 0.3533

Protanomaly

74.5410, 0.3280, 0.3518

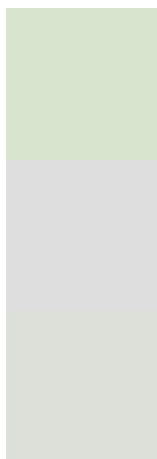
Deuteranomaly

74.0421, 0.3354, 0.3428

Tritanomaly

74.6675, 0.3073, 0.3258

Monochromacy



Original Color

74.6948, 0.3192, 0.3533

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.4848, 0.3151, 0.3377

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.6948, 0.3192, 0.3533 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(217, 228, 206)` looks like.

```
.text, #text, p{  
    color:rgb(217, 228, 206)  
}
```

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(217, 228, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 228, 206) }
```

Border

The CSS property to change the border of an element to Yxy 74.6948, 0.3192, 0.3533 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(217, 228, 206) }
```

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

```
.border{ border-color:rgb(217, 228, 206) }
```

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

Here you see how a box with a 4 pixel rgb(217, 228, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 228, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 228, 206);  
box-shadow:4px 4px 4px 4px rgb(217, 228,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 74.6948, 0.3192, 0.3533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 228, 206) }
```

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

```
.background{ background-color: rgb(217,  
228, 206) }
```

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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