

Converting Colors

$Yxy(71.1202, 0.3212, 0.3502)$

Have a look what the booklet for
Yxy(71.1202, 0.3212, 0.3502)
contains.

Yxy(71.1533, 0.3210, 0.3502)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(71.1533, 0.3210, 0.3502)

Conversions

Conversions Part 1

Format	Color
Hex	D8DECB
RGB	216, 222, 203
RGB Percent	85%, 87%, 80%
CMY	0.1529, 0.1294, 0.2039
CMYK	0.03, 0.00, 0.09, 0.13
HSL	79°, 22%, 83%
HSV	79°, 9%, 87%
XYZ	65.2205, 71.1533, 66.8053
YIQ	218.0400, 2.5230, -7.1810

Conversions

Conversions Part 2

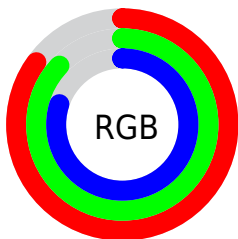
Format	Color
R_{YB}	203, 222, 209
Decimal	14212811
CIE Lab	87.56, -5.36, 8.60
CIE LCh	88, 10.139, 121.939
Yxy	71.1533, 0.3210, 0.3502
Android (android.graphics.Color)	4292402891 (0xFFD8DECB)
YUV	218.0400, -7.4147, -1.7891
Hunter-Lab	84.3524, -9.6023, 12.0903

Details

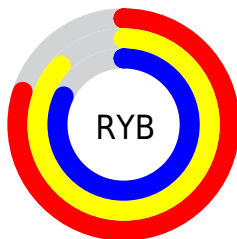
The Yxy color **71.1533, 0.3210, 0.3502** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.5521, 0.3040, 0.3075**, and the grayscale version is **70.1930, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.3844, 0.3227, 0.3554** is the 20% darker color. If you saturate the color by 10%, you get **69.1256, 0.3308, 0.3765**, and if you desaturate by 10%, it is **73.3844, 0.3113, 0.3255**.

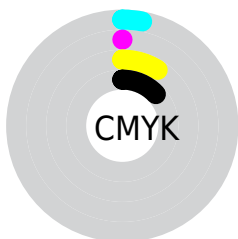
Distribution



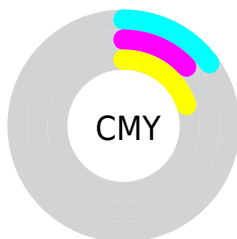
- Red (85%)
- Green (87%)
- Blue (80%)



- Red (80%)
- Yellow (87%)
- Blue (82%)



- Cyan (3%)
- Magenta (0%)
- Yellow (9%)
- Black (13%)



- Cyan (15%)
- Magenta (13%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.1533, 0.3210, 0.3502 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 71.1533, 0.3210, 0.3502 by changing the saturation by 10% instead.

■ 71.1533, 0.3210,
0.3502

■ 71.1533, 0.3210,
0.3502

464.5892, 0.3172,
0.3402

■ 52.4673, 0.3219,
0.3525

120.8520, 0.3197,
0.3467

■ 37.3777, 0.3229,
0.3554

152.6335, 0.3192,
0.3454

■ 25.5001, 0.3243,
0.3591

189.5489, 0.3187,
0.3442

■ 16.4500, 0.3260,
0.3639

231.9827, 0.3183,
0.3432

■ 9.8431, 0.3283,
0.3707

280.3192, 0.3180,
0.3423

■ 5.2951, 0.3317,
0.3806

334.9429, 0.3177,

■ 2.4214, 0.3367,

0.3416

0.3968

396.2380, 0.3174,
0.3409

0.8369, 0.3669,
0.4621

0.0000, 0.0000,
0.0000

71.1533, 0.3210,
0.3502

71.1533, 0.3210,
0.3502

69.1256, 0.3308,
0.3765

73.3844, 0.3113,
0.3255

67.2852, 0.3403,
0.4039


75.8164, 0.3020,
0.3028

65.6276, 0.3492,
0.4317


77.4808, 0.3020,
0.2957

64.1449, 0.3569,
0.4589


78.7138, 0.3067,
0.2962

 62.8283, 0.3631,
0.4845


 79.9946, 0.3115,
0.2967

 61.6682, 0.3671,
0.5070

 80.7251, 0.3142,
0.2970

 60.6538, 0.3687,
0.5255

 59.7723, 0.3677,
0.5391

 59.0050, 0.3645,
0.5481

Harmonies

Analogous

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



71.1533, 0.3313, 0.3494



71.1533, 0.3210, 0.3502



71.1533, 0.3086, 0.3450

Triad

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



71.1533, 0.3210, 0.3502



71.1533, 0.2893, 0.3143



71.1533, 0.3280, 0.3227

Complementary

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



71.1533, 0.3210, 0.3502



61.5521, 0.3040, 0.3075

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.



71.1533, 0.3165, 0.3138



71.1533, 0.3210, 0.3502



71.1533, 0.2943, 0.3089

Square

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



71.1533, 0.3210, 0.3502



71.1533, 0.2905, 0.3240



71.1533, 0.3041, 0.3087



71.1533, 0.3355, 0.3333

Rectangle

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



71.1533, 0.3210, 0.3502



71.1533, 0.3009, 0.3389



71.1533, 0.3041, 0.3087



71.1533, 0.3245, 0.3194

Sweetspot

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



71.1564, 0.3210, 0.3502



99.0610, 0.3156, 0.3363



65.3029, 0.3268, 0.3354



21.1503, 0.3164, 0.3383



0.0000, 0.0000, 0.0000



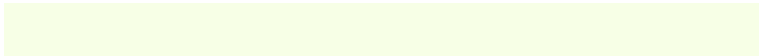
21.4041, 0.3127, 0.3290

Same Dimension

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



71.1564, 0.3210, 0.3502



96.9673, 0.3225, 0.3541



69.7963, 0.3144, 0.3506



15.8008, 0.3219, 0.3525



35.0454, 0.3648, 0.5486



2.4763, 0.3734, 0.5417

Inverse Universe

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



61.5521, 0.3040, 0.3075



81.6378, 0.3023, 0.3034



62.9309, 0.3108, 0.3079



13.4526, 0.3030, 0.3051



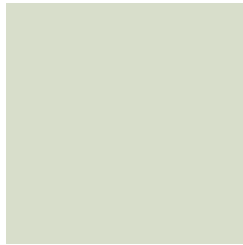
3.9634, 0.1726, 0.0724



0.3214, 0.1894, 0.0817

Previews

White Background



This preview shows how the Yxy color 71.1533, 0.3210, 0.3502 looks on a white background.

Color Contrast Check

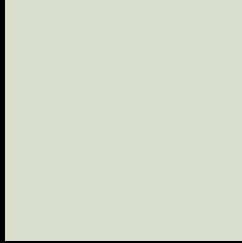
Large Text (above 18pt) WCAG AA × Fail

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 71.1533, 0.3210, 0.3502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

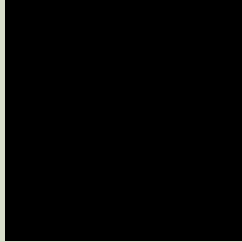
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

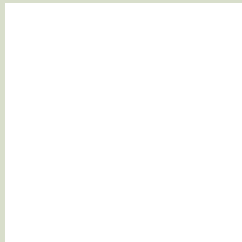
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.1533, 0.3210, 0.3502

Background



This preview shows how black text looks on a background with the Yxy color 71.1533, 0.3210, 0.3502.

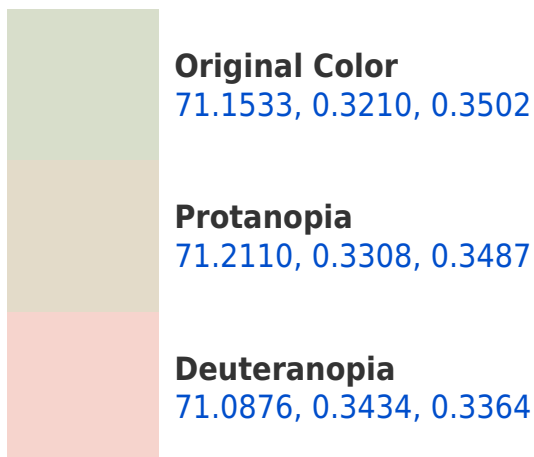


This preview shows how white text looks on a background with the Yxy color 71.1533, 0.3210, 0.3502.

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

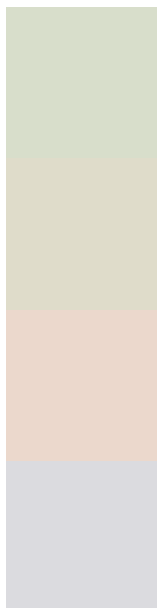




Tritanopia

70.9960, 0.3037, 0.3097

Trichromacy



Original Color

71.1533, 0.3210, 0.3502

Protanomaly

71.1386, 0.3270, 0.3489

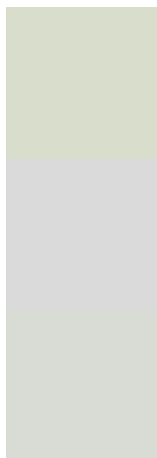
Deuteranomaly

71.1335, 0.3351, 0.3419

Tritanomaly

71.0508, 0.3101, 0.3246

Monochromacy



Original Color

71.1533, 0.3210, 0.3502

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.2188, 0.3153, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.1533, 0.3210, 0.3502 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(216, 222, 203)` looks like.

```
.text, #text, p{  
    color:rgb(216, 222, 203)  
}
```

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(216, 222, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 222, 203) }
```

Border

The CSS property to change the border of an element to Yxy 71.1533, 0.3210, 0.3502 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(216, 222, 203) }
```

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

```
.border{ border-color:rgb(216, 222, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 222, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 222, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 222, 203);  
box-shadow:4px 4px 4px 4px rgb(216, 222,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 71.1533, 0.3210, 0.3502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 222, 203) }
```

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

```
.background{ background-color: rgb(216,  
222, 203) }
```

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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