

Converting Colors

$Yxy(75.7782, 0.3215, 0.3496)$

Have a look what the booklet for
Yxy(75.7782, 0.3215, 0.3496)
contains.

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Color

Yxy(75.7782, 0.3215, 0.3496)

Conversions

Conversions Part 1

Format	Color
Hex	DFE4D1
RGB	223, 228, 209
RGB Percent	87%, 89%, 82%
CMY	0.1255, 0.1059, 0.1803
CMYK	0.02, 0.00, 0.08, 0.11
HSL	76°, 26%, 86%
HSV	76°, 8%, 89%
XYZ	69.6873, 75.7782, 71.2913
YIQ	224.3390, 3.1190, -6.9690

Conversions

Conversions Part 2

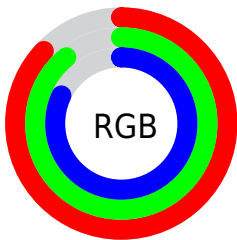
Format	Color
R _Y B	209, 228, 214
Decimal	14673105
CIE Lab	89.76, -4.99, 8.67
CIE LCh	90, 10.001, 119.903
Yxy	75.7782, 0.3215, 0.3496
Android (android.graphics.Color)	4292863185 (0xFFDFE4D1)
YUV	224.3390, -7.5621, -1.1743
Hunter-Lab	87.0507, -9.4427, 12.3791

Details

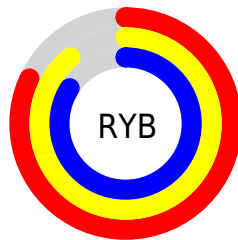
The Yxy color **75.7782, 0.3215, 0.3496** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.5146, 0.3035, 0.3080**, and the grayscale version is **74.8534, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.5785, 0.3233, 0.3545** is the 20% darker color. If you saturate the color by 10%, you get **73.7951, 0.3322, 0.3757**, and if you desaturate by 10%, it is **77.9632, 0.3110, 0.3250**.

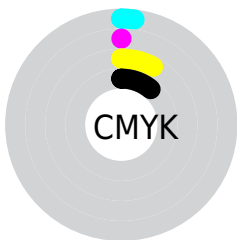
Distribution



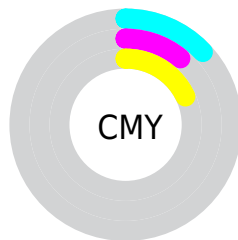
- Red (87%)
- Green (89%)
- Blue (82%)



- Red (82%)
- Yellow (89%)
- Blue (84%)



- Cyan (2%)
- Magenta (0%)
- Yellow (8%)
- Black (11%)



- Cyan (13%)
- Magenta (11%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.7782, 0.3215, 0.3496 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 75.7782, 0.3215, 0.3496 by changing the saturation by 10% instead.

■ 75.7782, 0.3215,
0.3496

■ 75.7782, 0.3215,
0.3496

480.5881, 0.3175,
0.3400

■ 56.2507, 0.3224,
0.3518

127.4133, 0.3201,
0.3463

■ 40.4039, 0.3235,
0.3545

160.2897, 0.3196,
0.3450

■ 27.8536, 0.3249,
0.3580

198.3845, 0.3191,
0.3439

■ 18.2153, 0.3267,
0.3625

242.0820, 0.3187,
0.3429

■ 11.1047, 0.3290,
0.3687

291.7668, 0.3184,
0.3421

■ 6.1373, 0.3324,
0.3776

347.8231, 0.3180,

■ 2.9287, 0.3374,

0.3413

0.3918

410.6354, 0.3178,
0.3406

■ 1.0946, 0.3526,
0.4258

■ 0.0000, 0.0000,
0.0000

■ 75.7782, 0.3215,
0.3496

■ 75.7782, 0.3215,
0.3496

■ 73.7951, 0.3322,
0.3757

■ 77.9632, 0.3110,
0.3250

■ 71.9970, 0.3427,
0.4027

■ 80.3472, 0.3008,
0.3021

■ 70.3795, 0.3525,
0.4300

■ 81.4100, 0.3046,
0.3021

■ 68.9343, 0.3613,
0.4565

■ 82.4835, 0.3086,
0.3024

■ 67.6523, 0.3684,
0.4811

■ 83.5921, 0.3126,
0.3028

■ 66.5237, 0.3734,
0.5027

■ 83.9676, 0.3139,
0.3029

■ 65.5371, 0.3759,
0.5201

■ 64.6793, 0.3758,
0.5328

■ 63.9312, 0.3734,
0.5410

Harmonies

Analogous

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



75.7782, 0.3312, 0.3484



75.7782, 0.3215, 0.3496



75.7782, 0.3096, 0.3450

Triad

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



75.7782, 0.3215, 0.3496



75.7782, 0.2900, 0.3154



75.7782, 0.3269, 0.3222

Complementary

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



75.7782, 0.3215, 0.3496



65.5146, 0.3035, 0.3080

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.



75.7782, 0.3156, 0.3138



75.7782, 0.3215, 0.3496



75.7782, 0.2944, 0.3098

Square

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



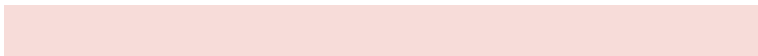
75.7782, 0.3215, 0.3496



75.7782, 0.2915, 0.3249



75.7782, 0.3037, 0.3092



75.7782, 0.3344, 0.3325

Rectangle

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



75.7782, 0.3215, 0.3496



75.7782, 0.3020, 0.3392



75.7782, 0.3037, 0.3092



75.7782, 0.3234, 0.3191

Sweetspot

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



75.7815, 0.3215, 0.3496



99.4222, 0.3148, 0.3339



69.0758, 0.3266, 0.3342



21.2865, 0.3147, 0.3336



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

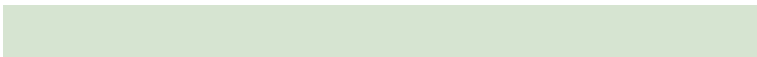
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.7815, 0.3215, 0.3496



97.2144, 0.3234, 0.3540



74.3539, 0.3150, 0.3500



16.6164, 0.3227, 0.3525



36.9072, 0.3736, 0.5416



2.7717, 0.3805, 0.5360

Inverse Universe

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



65.5146, 0.3035, 0.3080



81.4048, 0.3014, 0.3034



66.9443, 0.3102, 0.3084



14.0696, 0.3021, 0.3050



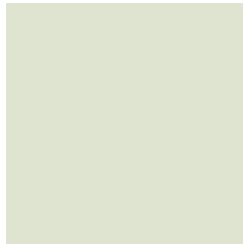
3.8383, 0.1661, 0.0689



0.3278, 0.1810, 0.0771

Previews

White Background



This preview shows how the Yxy color 75.7782, 0.3215, 0.3496 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 75.7782, 0.3215, 0.3496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

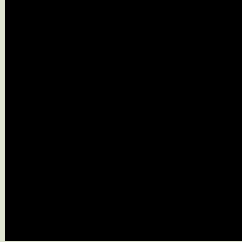
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

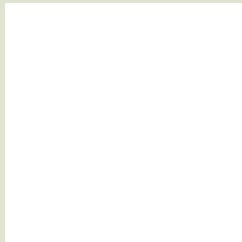
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.7782, 0.3215, 0.3496

Background



This preview shows how black text looks on a background with the Yxy color 75.7782, 0.3215, 0.3496.

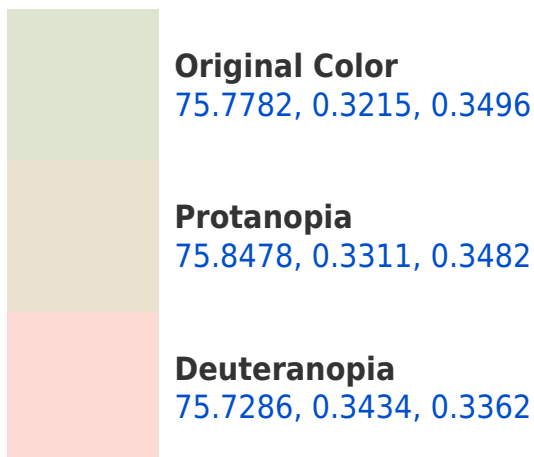


This preview shows how white text looks on a background with the Yxy color 75.7782, 0.3215, 0.3496.

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

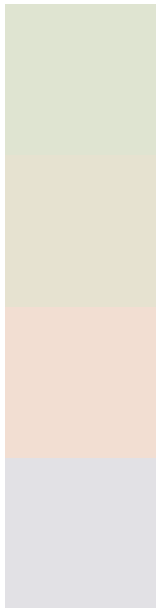




Tritanopia

75.6202, 0.3046, 0.3102

Trichromacy



Original Color

75.7782, 0.3215, 0.3496

Protanomaly

75.7698, 0.3274, 0.3483

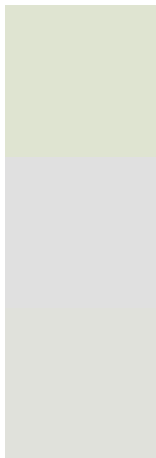
Deuteranomaly

75.7729, 0.3353, 0.3416

Tritanomaly

75.6763, 0.3108, 0.3248

Monochromacy



Original Color

75.7782, 0.3215, 0.3496

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.8122, 0.3159, 0.3355

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.7782, 0.3215, 0.3496 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(223, 228, 209)` looks like.

```
.text, #text, p{  
    color:rgb(223, 228, 209)  
}
```

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(223, 228, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 228, 209) }
```

Border

The CSS property to change the border of an element to Yxy 75.7782, 0.3215, 0.3496 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(223, 228, 209) }
```

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

```
.border{ border-color:rgb(223, 228, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 228, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 228, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 228, 209);  
box-shadow:4px 4px 4px 4px rgb(223, 228,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 75.7782, 0.3215, 0.3496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 228, 209) }
```

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

```
.background{ background-color: rgb(223,  
228, 209) }
```

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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