

Converting Colors

$Yxy(76.0191, 0.3095, 0.3432)$

Have a look what the booklet for
Yxy(76.0191, 0.3095, 0.3432)
contains.

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Color

Yxy(75.8995, 0.3100, 0.3432)

Conversions

Conversions Part 1

Format	Color
Hex	D6E6D9
RGB	214, 230, 217
RGB Percent	84%, 90%, 85%
CMY	0.1607, 0.0980, 0.1489
CMYK	0.07, 0.00, 0.06, 0.10
HSL	131°, 24%, 87%
HSV	131°, 7%, 90%
XYZ	68.5572, 75.8995, 76.6956
YIQ	223.7340, -5.3630, -7.4350

Conversions

Conversions Part 2

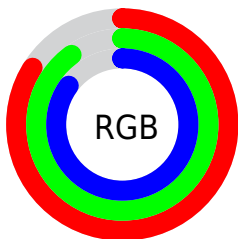
Format	Color
R_{YB}	214, 227, 230
Decimal	14083801
CIE _{Lab}	89.81, -7.68, 4.48
CIE _{LCh}	90, 8.893, 149.715
Yxy	75.8995, 0.3100, 0.3432
Android (android.graphics.Color)	4292273881 (0xFFD6E6D9)
YUV	223.7340, -3.3199, -8.5367
Hunter-Lab	87.1203, -11.9943, 8.7888

Details

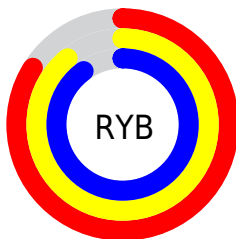
The Yxy color **75.8995, 0.3100, 0.3432** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.4683, 0.3156, 0.3152**, and the grayscale version is **74.3725, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.6395, 0.3092, 0.3476** is the 20% darker color. If you saturate the color by 10%, you get **71.7652, 0.3060, 0.3659**, and if you desaturate by 10%, it is **80.6389, 0.3139, 0.3232**.

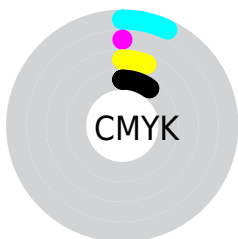
Distribution



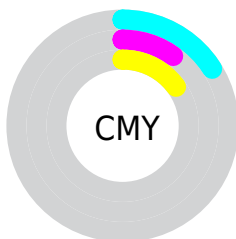
- Red (84%)
- Green (90%)
- Blue (85%)



- Red (84%)
- Yellow (89%)
- Blue (90%)



- Cyan (7%)
- Magenta (0%)
- Yellow (6%)
- Black (10%)





- Cyan (16%)
- Magenta (10%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.8995, 0.3100, 0.3432 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 75.8995, 0.3100, 0.3432 by changing the saturation by 10% instead.


 75.8995, 0.3100,
0.3432

 75.8995, 0.3100,
0.3432


481.0036, 0.3113,
0.3366

 56.3501, 0.3097,
0.3447


127.5848, 0.3105,
0.3409

 40.4837, 0.3093,
0.3466

160.4896, 0.3106,
0.3400

 27.9159, 0.3088,
0.3490


198.6149, 0.3108,
0.3393

 18.2623, 0.3082,
0.3521

242.3451, 0.3109,
0.3386

 11.1384, 0.3073,
0.3564

292.0647, 0.3110,
0.3380

 6.1600, 0.3060,
0.3626

348.1581, 0.3111,

 2.9426, 0.3039,

0.3375

0.3726

411.0096, 0.3112,
0.3370

■ 1.1019, 0.3001,
0.3913

■ 0.0000, 0.0000,
0.0000

■ 75.8995, 0.3100,
0.3432

■ 75.8995, 0.3100,
0.3432

■ 71.7652, 0.3060,
0.3659

■ 80.6389, 0.3139,
0.3232

■ 68.2022, 0.3022,
0.3914

■ 85.0330, 0.3142,
0.3054

■ 65.1881, 0.2985,
0.4193

■ 85.0738, 0.3138,
0.3048

■ 62.6953, 0.2954,
0.4492

■ 60.6938, 0.2930,
0.4799

■ 59.1505, 0.2917,
0.5100

■ 58.0280, 0.2916,
0.5378

■ 57.2830, 0.2927,
0.5614

■ 56.8606, 0.2948,
0.5793

Harmonies

Analogous

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



75.8995, 0.3206, 0.3473



75.8995, 0.3100, 0.3432



75.8995, 0.3003, 0.3351

Triad

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



75.8995, 0.3100, 0.3432



75.8995, 0.2964, 0.3119



75.8995, 0.3319, 0.3321

Complementary

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



75.8995, 0.3100, 0.3432



70.4683, 0.3156, 0.3152

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.



75.8995, 0.3252, 0.3229



75.8995, 0.3100, 0.3432



75.8995, 0.3046, 0.3114

Square

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



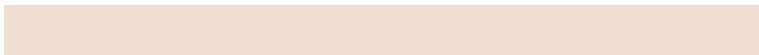
75.8995, 0.3100, 0.3432



75.8995, 0.2925, 0.3170



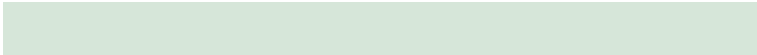
75.8995, 0.3152, 0.3154



75.8995, 0.3334, 0.3406

Rectangle

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



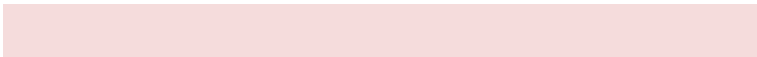
75.8995, 0.3100, 0.3432



75.8995, 0.2955, 0.3287



75.8995, 0.3152, 0.3154



75.8995, 0.3302, 0.3290

Sweetspot

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



75.9027, 0.3100, 0.3432



98.7817, 0.3119, 0.3330



77.7917, 0.3209, 0.3461



21.1561, 0.3120, 0.3328



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.



75.9027, 0.3100, 0.3432



95.3130, 0.3096, 0.3456



76.3247, 0.3051, 0.3345



16.1333, 0.3090, 0.3486



32.1533, 0.2949, 0.5816



2.3887, 0.2878, 0.5560

Inverse Universe

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



70.4683, 0.3156, 0.3152



87.4231, 0.3160, 0.3130



70.0412, 0.3210, 0.3236



14.5663, 0.3166, 0.3101



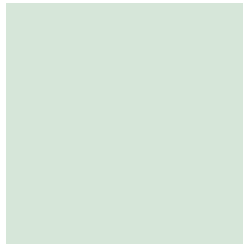
11.5659, 0.3749, 0.1839



0.8667, 0.3656, 0.1788

Previews

White Background



This preview shows how the Yxy color 75.8995, 0.3100, 0.3432 looks on a white background.

Color Contrast Check

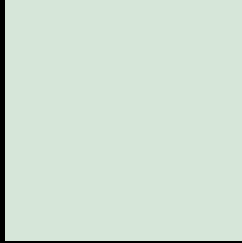
Large Text (above 18pt) WCAG AA × Fail

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 75.8995, 0.3100, 0.3432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

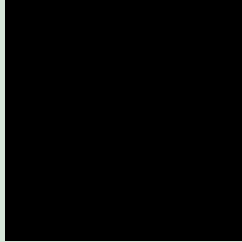
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

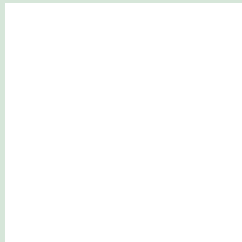
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.8995, 0.3100, 0.3432

Background



This preview shows how black text looks on a background with the Yxy color 75.8995, 0.3100, 0.3432.

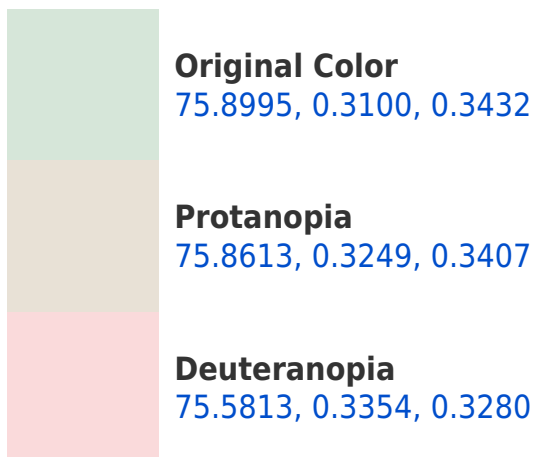


This preview shows how white text looks on a background with the Yxy color 75.8995, 0.3100, 0.3432.

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

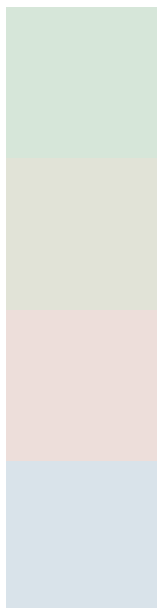




Tritanopia

75.8298, 0.2961, 0.3099

Trichromacy



Original Color

75.8995, 0.3100, 0.3432

Protanomaly

75.8520, 0.3191, 0.3419

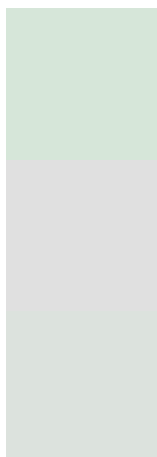
Deuteranomaly

75.3090, 0.3261, 0.3332

Tritanomaly

75.6304, 0.3015, 0.3215

Monochromacy



Original Color

75.8995, 0.3100, 0.3432

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.8288, 0.3118, 0.3344

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.8995, 0.3100, 0.3432 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(214, 230, 217)` looks like.

```
.text, #text, p{  
    color:rgb(214, 230, 217)  
}
```

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(214, 230, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 230, 217) }
```

Border

The CSS property to change the border of an element to Yxy 75.8995, 0.3100, 0.3432 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(214, 230, 217) }
```

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

```
.border{ border-color:rgb(214, 230, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 230, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 230, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 230, 217);  
box-shadow:4px 4px 4px 4px rgb(214, 230,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 75.8995, 0.3100, 0.3432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 230, 217) }
```

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

```
.background{ background-color: rgb(214,  
230, 217) }
```

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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