

Converting Colors

$Y_{xy}(75.7520, 0.3102, 0.3399)$

Have a look what the booklet for
Yxy(75.7520, 0.3102, 0.3399)
contains.

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Color

Yxy(75.7520, 0.3102, 0.3399)

Conversions

Conversions Part 1

Format	Color
Hex	D8E5DB
RGB	216, 229, 219
RGB Percent	85%, 90%, 86%
CMY	0.1527, 0.1020, 0.1413
CMYK	0.06, 0.00, 0.04, 0.10
HSL	134°, 20%, 87%
HSV	134°, 6%, 90%
XYZ	69.1329, 75.7520, 77.9807
YIQ	223.9730, -4.5380, -5.8660

Conversions

Conversions Part 2

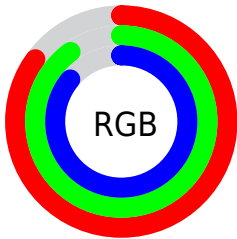
Format	Color
R _{YB}	216, 227, 229
Decimal	14214619
CIE Lab	89.74, -6.13, 3.38
CIE LCh	90, 7.001, 151.150
Yxy	75.7520, 0.3102, 0.3399
Android (android.graphics.Color)	4292404699 (0xFFD8E5DB)
YUV	223.9730, -2.4517, -6.9923
Hunter-Lab	87.0356, -10.5288, 7.8033

Details

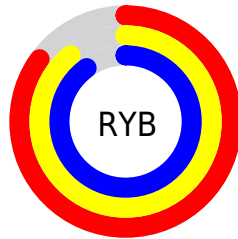
The Yxy color **75.7520, 0.3102, 0.3399** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.2893, 0.3153, 0.3183**, and the grayscale version is **74.5474, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.5295, 0.3094, 0.3432** is the 20% darker color. If you saturate the color by 10%, you get **71.6219, 0.3057, 0.3612**, and if you desaturate by 10%, it is **80.4739, 0.3146, 0.3212**.

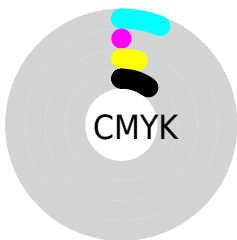
Distribution



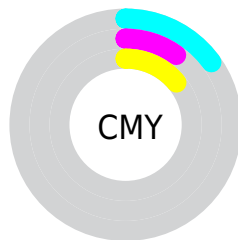
- Red (85%)
- Green (90%)
- Blue (86%)



- Red (85%)
- Yellow (89%)
- Blue (90%)



- Cyan (6%)
- Magenta (0%)
- Yellow (4%)
- Black (10%)



- Cyan (15%)
- Magenta (10%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.7520, 0.3102, 0.3399 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 75.7520, 0.3102, 0.3399 by changing the saturation by 10% instead.

■ 75.7520, 0.3102,
0.3399

■ 75.7520, 0.3102,
0.3399

480.4983, 0.3114,
0.3349

■ 56.2292, 0.3099,
0.3411

127.3763, 0.3106,
0.3381

■ 40.3867, 0.3096,
0.3425

160.2465, 0.3108,
0.3375

■ 27.8402, 0.3092,
0.3443

198.3347, 0.3109,
0.3369

■ 18.2052, 0.3086,
0.3467

242.0252, 0.3110,
0.3364

■ 11.0974, 0.3078,
0.3500

291.7024, 0.3111,
0.3359

■ 6.1324, 0.3066,
0.3547

347.7507, 0.3112,

■ 2.9258, 0.3048,

0.3355

0.3622

410.5546, 0.3113,
0.3352

■ 1.0931, 0.3013,
0.3760

■ 0.0000, 0.0000,
0.0000

■ 75.7520, 0.3102,
0.3399

■ 75.7520, 0.3102,
0.3399

■ 71.6219, 0.3057,
0.3612

■ 80.4739, 0.3146,
0.3212

■ 68.0510, 0.3013,
0.3851

■ 84.4775, 0.3143,
0.3044

■ 65.0177, 0.2972,
0.4113

■ 84.5152, 0.3139,
0.3039

■ 62.4957, 0.2937,
0.4396

■ 60.4562, 0.2909,
0.4690

■ 58.8676, 0.2893,
0.4983

■ 57.6944, 0.2890,
0.5260

■ 56.8954, 0.2902,
0.5505

■ 56.4207, 0.2926,
0.5703

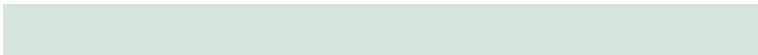
Harmonies

Analogous

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



75.7520, 0.3186, 0.3433



75.7520, 0.3102, 0.3399



75.7520, 0.3026, 0.3335

Triad

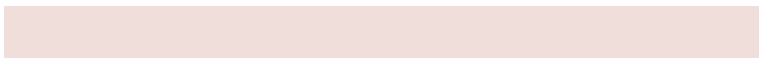
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.7520, 0.3102, 0.3399



75.7520, 0.3001, 0.3154



75.7520, 0.3280, 0.3318

Complementary

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



75.7520, 0.3102, 0.3399



71.2893, 0.3153, 0.3183

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.



75.7520, 0.3229, 0.3245



75.7520, 0.3102, 0.3399



75.7520, 0.3067, 0.3152

Square

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



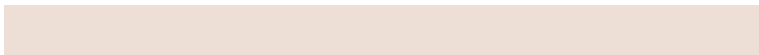
75.7520, 0.3102, 0.3399



75.7520, 0.2968, 0.3193



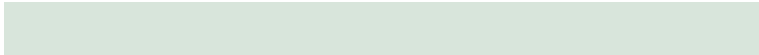
75.7520, 0.3151, 0.3185



75.7520, 0.3289, 0.3385

Rectangle

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



75.7520, 0.3102, 0.3399



75.7520, 0.2989, 0.3284



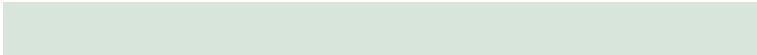
75.7520, 0.3151, 0.3185



75.7520, 0.3267, 0.3294

Sweetspot

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



75.7552, 0.3102, 0.3399



98.7940, 0.3118, 0.3328



77.1951, 0.3191, 0.3429



21.1586, 0.3119, 0.3326



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.



75.7552, 0.3102, 0.3399



95.9126, 0.3096, 0.3427



76.0959, 0.3062, 0.3330



16.3176, 0.3093, 0.3438



32.1960, 0.2930, 0.5749



2.3931, 0.2855, 0.5476

Inverse Universe

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



71.2893, 0.3153, 0.3183



88.8778, 0.3160, 0.3157



70.9471, 0.3197, 0.3251



15.0325, 0.3163, 0.3147



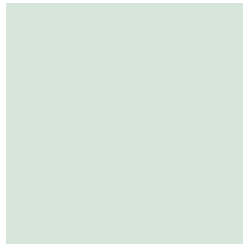
11.3623, 0.3878, 0.1910



0.8533, 0.3760, 0.1845

Previews

White Background



This preview shows how the Yxy color 75.7520, 0.3102, 0.3399 looks on a white background.

Color Contrast Check

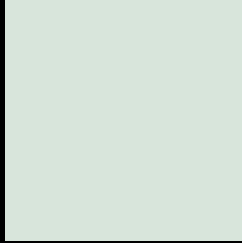
Large Text (above 18pt) WCAG AA × Fail

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 75.7520, 0.3102, 0.3399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

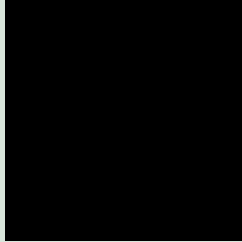
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

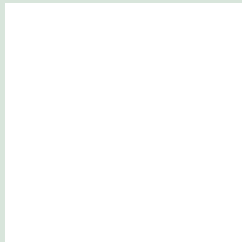
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.7520, 0.3102, 0.3399

Background



This preview shows how black text looks on a background with the Yxy color 75.7520, 0.3102, 0.3399.

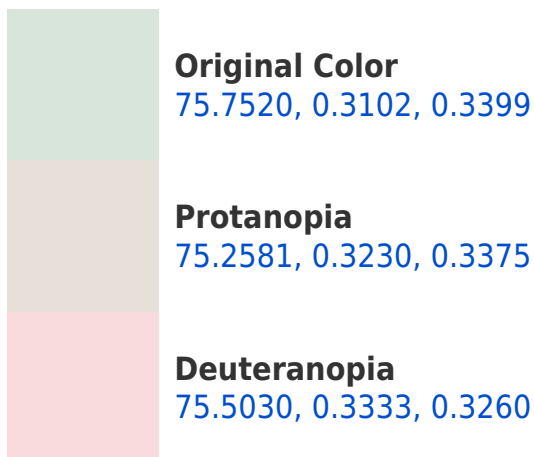


This preview shows how white text looks on a background with the Yxy color 75.7520, 0.3102, 0.3399.

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

75.5371, 0.2980, 0.3100

Trichromacy



Original Color

75.7520, 0.3102, 0.3399

Protanomaly

75.5712, 0.3186, 0.3387

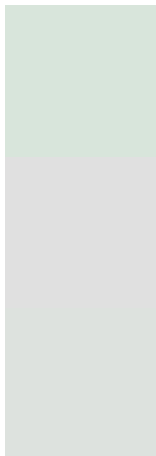
Deuteranomaly

75.4144, 0.3248, 0.3311

Tritanomaly

75.3933, 0.3029, 0.3204

Monochromacy



Original Color

75.7520, 0.3102, 0.3399

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

75.0388, 0.3118, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.7520, 0.3102, 0.3399 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, 229, 219) looks like.

```
.text, #text, p{  
    color:rgb(216, 229, 219)  
}
```

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, 229, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 229, 219) }
```

Border

The CSS property to change the border of an element to Yxy 75.7520, 0.3102, 0.3399 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, 229, 219) }
```

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

```
.border{ border-color:rgb(216, 229, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 229, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 229, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 229, 219);  
box-shadow:4px 4px 4px 4px rgb(216, 229,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 75.7520, 0.3102, 0.3399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 229, 219) }
```

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

```
.background{ background-color: rgb(216,  
229, 219) }
```

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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