

Converting Colors

$Yxy(75.0461, 0.3131, 0.3389)$

Have a look what the booklet for
Yxy(75.0461, 0.3131, 0.3389)
contains.

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Color

Yxy(75.0602, 0.3129, 0.3388)

Conversions

Conversions Part 1

Format	Color
Hex	DBE3DA
RGB	219, 227, 218
RGB Percent	86%, 89%, 85%
CMY	0.1414, 0.1097, 0.1451
CMYK	0.04, 0.00, 0.04, 0.11
HSL	114°, 14%, 87%
HSV	114°, 4%, 89%
XYZ	69.3221, 75.0602, 77.1649
YIQ	223.5820, -1.8790, -4.4950

Conversions

Conversions Part 2

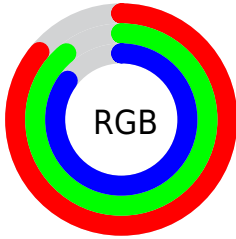
Format	Color
R _Y B	218, 227, 226
Decimal	14410714
CIE Lab	89.42, -4.33, 3.45
CIE LCh	89, 5.535, 141.476
Yxy	75.0602, 0.3129, 0.3388
Android (android.graphics.Color)	4292600794 (0xFFDBE3DA)
YUV	223.5820, -2.7519, -4.0184
Hunter-Lab	86.6373, -8.7899, 7.8385

Details

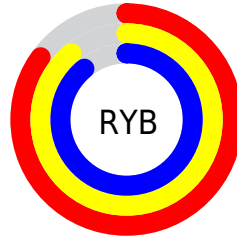
The Yxy color **75.0602, 0.3129, 0.3388** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.8758, 0.3125, 0.3194**, and the grayscale version is **74.2436, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.0419, 0.3130, 0.3418** is the 20% darker color. If you saturate the color by 10%, you get **70.9887, 0.3132, 0.3657**, and if you desaturate by 10%, it is **79.6872, 0.3124, 0.3151**.

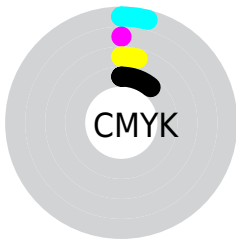
Distribution



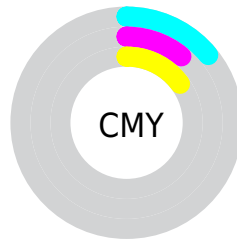
- Red (86%)
- Green (89%)
- Blue (85%)



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



- Cyan (4%)
- Magenta (0%)
- Yellow (4%)
- Black (11%)



- Cyan (14%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.0602, 0.3129, 0.3388 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 75.0602, 0.3129, 0.3388 by changing the saturation by 10% instead.

■ 75.0602, 0.3129,
0.3388

■ 75.0602, 0.3129,
0.3388

478.1245, 0.3128,
0.3343

■ 55.6622, 0.3129,
0.3398

126.3976, 0.3129,
0.3372

■ 39.9322, 0.3129,
0.3411

159.1057, 0.3129,
0.3366

■ 27.4857, 0.3129,
0.3428

197.0194, 0.3129,
0.3361

■ 17.9383, 0.3129,
0.3449

240.5230, 0.3129,
0.3356

■ 10.9057, 0.3130,
0.3478

290.0009, 0.3129,
0.3352

■ 6.0035, 0.3129,
0.3521

345.8376, 0.3128,

■ 2.8472, 0.3129,

0.3349

0.3589

408.4173, 0.3128,
0.3346

■ 1.0525, 0.3128,
0.3714

■ 0.0000, 0.0000,
0.0000

■ 75.0602, 0.3129,
0.3388

■ 75.0602, 0.3129,
0.3388

■ 70.9887, 0.3132,
0.3657

■ 79.6872, 0.3124,
0.3151

■ 67.4427, 0.3134,
0.3959

■ 83.4317, 0.3140,
0.3019

■ 64.4035, 0.3132,
0.4288

■ 61.8481, 0.3126,
0.4635

■ 59.7512, 0.3115,
0.4984

■ 58.0855, 0.3100,
0.5312

■ 56.8209, 0.3080,
0.5594

■ 55.9230, 0.3056,
0.5807

■ 55.3516, 0.3033,
0.5938

Harmonies

Analogous

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



75.0602, 0.3193, 0.3405



75.0602, 0.3129, 0.3388



75.0602, 0.3065, 0.3344

Triad

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



75.0602, 0.3129, 0.3388



75.0602, 0.3015, 0.3189



75.0602, 0.3238, 0.3294

Complementary

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



75.0602, 0.3129, 0.3388



71.8758, 0.3125, 0.3194

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.



75.0602, 0.3190, 0.3237



75.0602, 0.3129, 0.3388



75.0602, 0.3061, 0.3177

Square

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



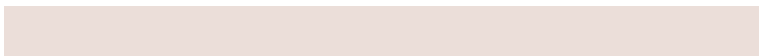
75.0602, 0.3129, 0.3388



75.0602, 0.2999, 0.3228



75.0602, 0.3124, 0.3195



75.0602, 0.3257, 0.3350

Rectangle

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



75.0602, 0.3129, 0.3388



75.0602, 0.3030, 0.3305



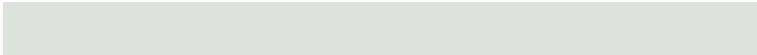
75.0602, 0.3124, 0.3195



75.0602, 0.3225, 0.3274

Sweetspot

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



75.0634, 0.3129, 0.3388



99.4056, 0.3128, 0.3314



75.7746, 0.3186, 0.3375



21.2832, 0.3128, 0.3313



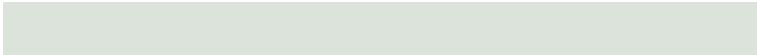
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

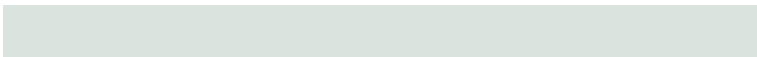
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.0634, 0.3129, 0.3388



97.1010, 0.3129, 0.3415



75.1027, 0.3100, 0.3350



16.5086, 0.3130, 0.3432



32.1725, 0.3025, 0.5980



2.4016, 0.3086, 0.5931

Inverse Universe

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



71.8758, 0.3125, 0.3194



91.8849, 0.3124, 0.3168



71.8375, 0.3155, 0.3230



15.5089, 0.3124, 0.3152



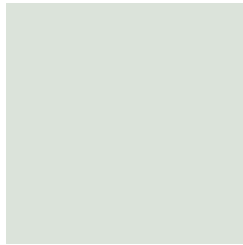
10.7191, 0.2952, 0.1400



0.8140, 0.2991, 0.1422

Previews

White Background



This preview shows how the Yxy color 75.0602, 0.3129, 0.3388 looks on a white background.

Color Contrast Check

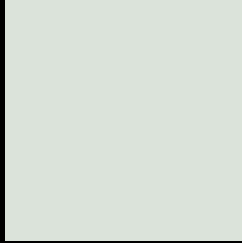
Large Text (above 18pt) WCAG AA × Fail

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 75.0602, 0.3129, 0.3388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

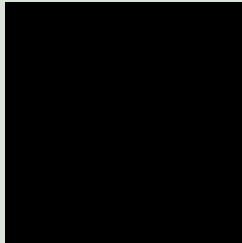
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

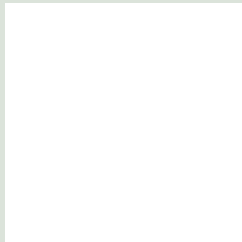
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.0602, 0.3129, 0.3388

Background



This preview shows how black text looks on a background with the Yxy color 75.0602, 0.3129, 0.3388.



This preview shows how white text looks on a background with the Yxy color 75.0602, 0.3129, 0.3388.

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

75.3502, 0.3012, 0.3111

Trichromacy



Original Color

75.0602, 0.3129, 0.3388

Protanomaly

75.0289, 0.3186, 0.3376

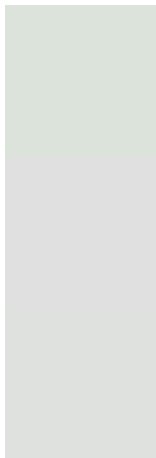
Deuteranomaly

74.8319, 0.3255, 0.3311

Tritanomaly

75.2632, 0.3055, 0.3205

Monochromacy



Original Color

75.0602, 0.3129, 0.3388

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.6539, 0.3126, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.0602, 0.3129, 0.3388 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(219, 227, 218)` looks like.

```
.text, #text, p{  
    color:rgb(219, 227, 218)  
}
```

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(219, 227, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 227, 218) }
```

Border

The CSS property to change the border of an element to Yxy 75.0602, 0.3129, 0.3388 is called "border". The border property can be set on classes, ids or directly on the HTML element.

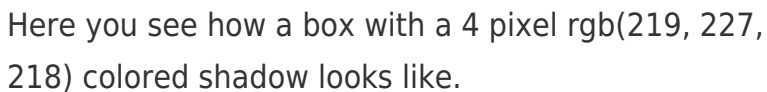
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(219, 227, 218) }
```

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

```
.border{ border-color:rgb(219, 227, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(219, 227, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 227, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 227, 218); box-shadow:4px 4px 4px 4px rgb(219, 227, 218) }
```


Background

The CSS property to change the background color of an element to Yxy 75.0602, 0.3129, 0.3388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 227, 218) }
```

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

```
.background{ background-color: rgb(219,  
227, 218) }
```

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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