

Converting Colors

$Yxy(75.4813, 0.3055, 0.3389)$

Have a look what the booklet for
Yxy(75.4813, 0.3055, 0.3389)
contains.

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Color

Yxy(75.6630, 0.3055, 0.3389)

Conversions

Conversions Part 1

Format	Color
Hex	D3E6DD
RGB	211, 230, 221
RGB Percent	83%, 90%, 87%
CMY	0.1726, 0.0980, 0.1335
CMYK	0.08, 0.00, 0.04, 0.10
HSL	151°, 28%, 86%
HSV	151°, 8%, 90%
XYZ	68.2061, 75.6630, 79.3915
YIQ	223.2930, -8.4350, -6.8270

Conversions

Conversions Part 2

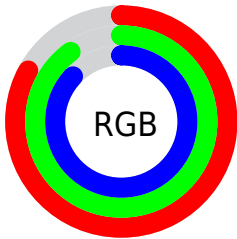
Format	Color
R _Y B	211, 223, 230
Decimal	13887197
CIE Lab	89.70, -7.97, 2.23
CIE LCh	90, 8.279, 164.345
Yxy	75.6630, 0.3055, 0.3389
Android (android.graphics.Color)	4292077277 (0xFFD3E6DD)
YUV	223.2930, -1.1304, -10.7810
Hunter-Lab	86.9845, -12.2578, 6.7747

Details

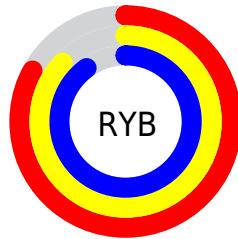
The Yxy color **75.6630, 0.3055, 0.3389** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.5786, 0.3206, 0.3193**, and the grayscale version is **74.0232, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.4810, 0.3034, 0.3419** is the 20% darker color. If you saturate the color by 10%, you get **71.9446, 0.2970, 0.3522**, and if you desaturate by 10%, it is **79.9119, 0.3142, 0.3270**.

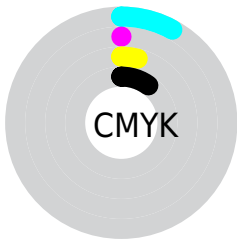
Distribution



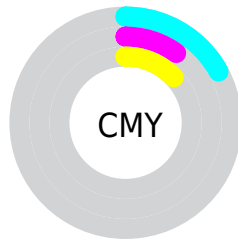
- Red (83%)
- Green (90%)
- Blue (87%)



- Red (83%)
- Yellow (87%)
- Blue (90%)



- Cyan (8%)
- Magenta (0%)
- Yellow (4%)
- Black (10%)



- Cyan (17%)
- Magenta (10%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.6630, 0.3055, 0.3389 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 75.6630, 0.3055, 0.3389 by changing the saturation by 10% instead.

■ 75.6630, 0.3055,
0.3389

■ 75.6630, 0.3055,
0.3389

480.1933, 0.3088,
0.3343

■ 56.1562, 0.3047,
0.3399

127.2504, 0.3067,
0.3373

■ 40.3282, 0.3038,
0.3412

160.0999, 0.3071,
0.3367

■ 27.7945, 0.3026,
0.3429

198.1656, 0.3075,
0.3362

■ 18.1708, 0.3010,
0.3451

241.8321, 0.3078,
0.3357

■ 11.0727, 0.2989,
0.3480

291.4837, 0.3081,
0.3353

■ 6.1158, 0.2958,
0.3523

347.5049, 0.3084,

■ 2.9156, 0.2910,

0.3349

410.2799, 0.3086,
0.3346

0.3591

■ 1.0878, 0.2822,
0.3715

■ 0.0000, 0.0000,
0.0000

■ 75.6630, 0.3055,
0.3389

■ 75.6630, 0.3055,
0.3389

■ 71.9446, 0.2970,
0.3522

■ 79.9119, 0.3142,
0.3270

■ 68.7257, 0.2889,
0.3668

■ 84.3215, 0.3216,
0.3165

■ 65.9870, 0.2816,
0.3828

■ 85.0017, 0.3146,
0.3060

■ 63.7037, 0.2754,
0.4000

■ 85.0799, 0.3138,
0.3049

■ 61.8491, 0.2706,
0.4181

■ 60.3936, 0.2676,
0.4368

■ 59.3033, 0.2665,
0.4557

■ 58.5388, 0.2674,
0.4741

■ 58.0436, 0.2702,
0.4917

Harmonies

Analogous

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



75.6630, 0.3153, 0.3447



75.6630, 0.3055, 0.3389



75.6630, 0.2977, 0.3303

Triad

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



75.6630, 0.3055, 0.3389



75.6630, 0.3008, 0.3123



75.6630, 0.3320, 0.3360

Complementary

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



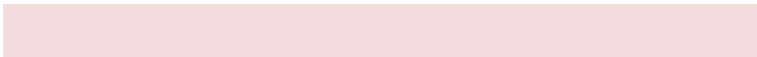
75.6630, 0.3055, 0.3389



68.5786, 0.3206, 0.3193

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.



75.6630, 0.3279, 0.3274



75.6630, 0.3055, 0.3389



75.6630, 0.3099, 0.3139

Square

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



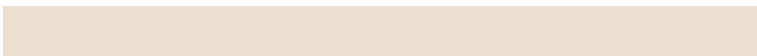
75.6630, 0.3055, 0.3389



75.6630, 0.2950, 0.3150



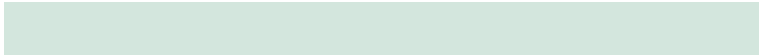
75.6630, 0.3198, 0.3194



75.6630, 0.3307, 0.3429

Rectangle

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



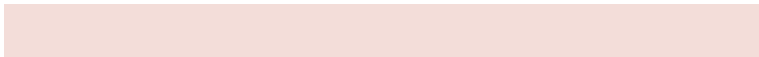
75.6630, 0.3055, 0.3389



75.6630, 0.2946, 0.3244



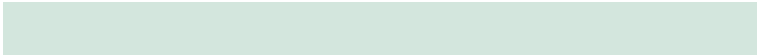
75.6630, 0.3198, 0.3194



75.6630, 0.3312, 0.3332

Sweetspot

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



75.6662, 0.3055, 0.3389



98.8903, 0.3110, 0.3313



76.5471, 0.3181, 0.3497



21.1782, 0.3110, 0.3312



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.



75.6662, 0.3055, 0.3389



94.7238, 0.3040, 0.3412



75.9851, 0.3000, 0.3286



16.2148, 0.3045, 0.3404



32.8413, 0.2700, 0.4920



2.4456, 0.2629, 0.4662

Inverse Universe

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



68.5786, 0.3206, 0.3193



83.9641, 0.3224, 0.3171



68.2698, 0.3270, 0.3294



14.4816, 0.3218, 0.3179



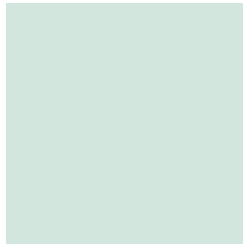
10.1783, 0.5057, 0.2560



0.7708, 0.4717, 0.2372

Previews

White Background



This preview shows how the Yxy color 75.6630, 0.3055, 0.3389 looks on a white background.

Color Contrast Check

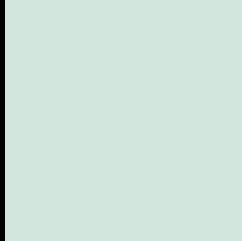
Large Text (above 18pt) WCAG AA × Fail

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 75.6630, 0.3055, 0.3389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

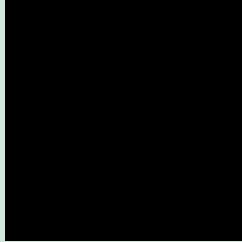
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

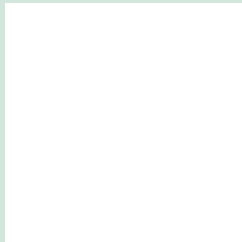
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.6630, 0.3055, 0.3389

Background



This preview shows how black text looks on a background with the Yxy color 75.6630, 0.3055, 0.3389.

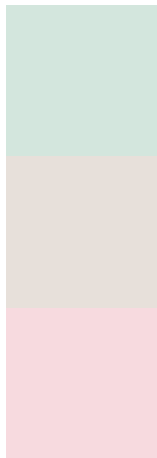


This preview shows how white text looks on a background with the Yxy color 75.6630, 0.3055, 0.3389.

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



Original Color

75.6630, 0.3055, 0.3389

Protanopia

75.3622, 0.3216, 0.3354

Deuteranopia

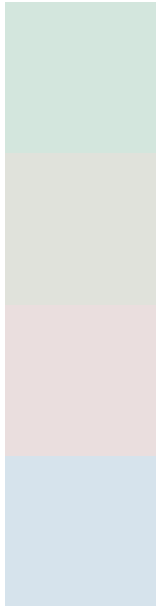
75.2447, 0.3304, 0.3239



Tritanopia

75.3714, 0.2941, 0.3098

Trichromacy



Original Color

75.6630, 0.3055, 0.3389

Protanomaly

75.3545, 0.3159, 0.3365

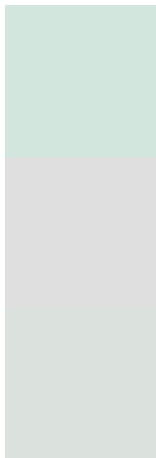
Deuteranomaly

75.0089, 0.3213, 0.3290

Tritanomaly

75.2904, 0.2983, 0.3193

Monochromacy



Original Color

75.6630, 0.3055, 0.3389

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

74.7267, 0.3104, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.6630, 0.3055, 0.3389 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(211, 230, 221)` looks like.

```
.text, #text, p{  
    color:rgb(211, 230, 221)  
}
```

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(211, 230, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 230, 221) }
```

Border

The CSS property to change the border of an element to Yxy 75.6630, 0.3055, 0.3389 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(211, 230, 221) }
```

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

```
.border{ border-color:rgb(211, 230, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 230, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 230, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 230, 221);  
box-shadow:4px 4px 4px 4px rgb(211, 230,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 75.6630, 0.3055, 0.3389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 230, 221) }
```

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

```
.background{ background-color: rgb(211,  
230, 221) }
```

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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