

Converting Colors

$Y_{xy}(75.2223, 0.2992, 0.3122)$

Have a look what the booklet for
Yxy(75.2223, 0.2992, 0.3122)
contains.

Yxy(75.4169, 0.2992, 0.3120)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(75.4169, 0.2992, 0.3120)

Conversions

Conversions Part 1

Format	Color
Hex	DCE1F1
RGB	220, 225, 241
RGB Percent	86%, 88%, 95%
CMY	0.1372, 0.1177, 0.0548
CMYK	0.09, 0.07, 0.00, 0.05
HSL	226°, 43%, 90%
HSV	226°, 9%, 95%
XYZ	72.3229, 75.4169, 93.9811
YIQ	225.3290, -8.1160, 3.9160

Conversions

Conversions Part 2

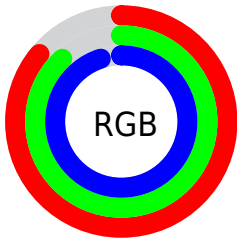
Format	Color
R _Y B	220, 224, 241
Decimal	14475761
CIE Lab	89.59, 1.35, -8.38
CIE LCh	90, 8.485, 279.178
Yxy	75.4169, 0.2992, 0.3120
Android (android.graphics.Color)	4292665841 (0xFFDCE1F1)
YUV	225.3290, 7.7258, -4.6735
Hunter-Lab	86.8429, -3.3201, -3.3734

Details

The Yxy color `75.4169, 0.2992, 0.3120` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `83.8856, 0.3262, 0.3454`, and the grayscale version is `75.4957, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `40.2516, 0.2961, 0.3084` is the 20% darker color. If you saturate the color by 10%, you get `62.5160, 0.2824, 0.2902`, and if you desaturate by 10%, it is `89.9365, 0.3146, 0.3313`.

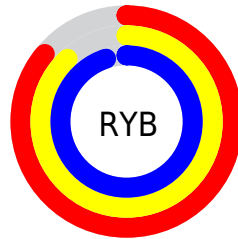
Distribution



Red (86%)

Green (88%)

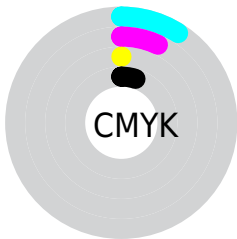
Blue (95%)



Red (86%)

Yellow (88%)

Blue (95%)

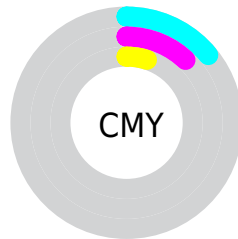


Cyan (9%)

Magenta (7%)

Yellow (0%)

Black (5%)



Cyan (14%)

Magenta (12%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.4169, 0.2992, 0.3120 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 75.4169, 0.2992, 0.3120 by changing the saturation by 10% instead.

■ 75.4169, 0.2992,
0.3120

■ 75.4169, 0.2992,
0.3120

479.3493, 0.3054,
0.3198

■ 55.9545, 0.2978,
0.3102

126.9023, 0.3013,
0.3147

■ 40.1664, 0.2961,
0.3081

159.6941, 0.3022,
0.3157

■ 27.6683, 0.2939,
0.3053

197.6979, 0.3029,
0.3166

■ 18.0758, 0.2910,
0.3018

241.2979, 0.3035,
0.3174

■ 11.0044, 0.2871,
0.2970

290.8787, 0.3041,
0.3181

■ 6.0698, 0.2816,
0.2902

346.8246, 0.3046,

■ 2.8876, 0.2730,

0.3187

0.2798

409.5200, 0.3050,
0.3193

■ 1.0733, 0.2581,
0.2618

■ 0.0000, 0.0000,
0.0000

■ 75.4169, 0.2992,
0.3120

■ 75.4169, 0.2992,
0.3120

■ 62.5160, 0.2824,
0.2902

■ 89.9365, 0.3146,
0.3313

■ 51.1673, 0.2644,
0.2658

■ 99.1323, 0.3208,
0.3424

■ 41.3140, 0.2455,
0.2393

■ 32.8916, 0.2263,
0.2110

■ 25.8311, 0.2076,
0.1819

■ 20.0574, 0.1905,
0.1534

■ 15.4875, 0.1759,
0.1269

■ 12.0273, 0.1648,
0.1040

■ 9.5570, 0.1574,
0.0859

Harmonies

Analogous

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



75.4169, 0.2940, 0.3155



75.4169, 0.2992, 0.3120



75.4169, 0.3081, 0.3129

Triad

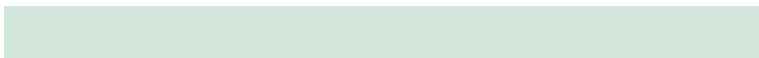
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.4169, 0.2992, 0.3120



75.4169, 0.3321, 0.3347



75.4169, 0.3070, 0.3405

Complementary

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



75.4169, 0.2992, 0.3120



83.8856, 0.3262, 0.3454

Split Complementary

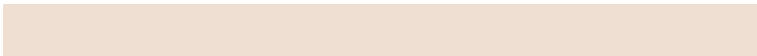
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.4169, 0.3171, 0.3457



75.4169, 0.2992, 0.3120



75.4169, 0.3318, 0.3422

Square

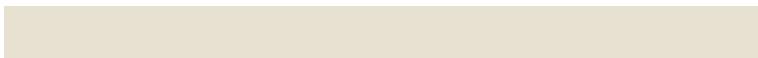
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.4169, 0.2992, 0.3120



75.4169, 0.3272, 0.3259



75.4169, 0.3263, 0.3463



75.4169, 0.2984, 0.3320

Rectangle

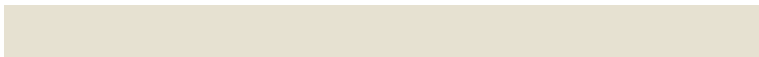
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



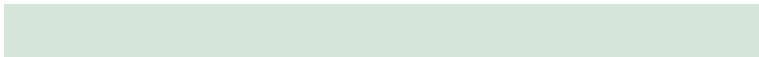
75.4169, 0.2992, 0.3120



75.4169, 0.3149, 0.3159



75.4169, 0.3263, 0.3463



75.4169, 0.3103, 0.3427

Sweetspot

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



75.4201, 0.2992, 0.3120



94.9114, 0.3082, 0.3233



84.1849, 0.3023, 0.3345



20.0300, 0.3069, 0.3218



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.



75.4201, 0.2992, 0.3120



83.6929, 0.2971, 0.3093



73.5964, 0.3028, 0.3069



15.8376, 0.2980, 0.3104



5.2131, 0.1573, 0.0864



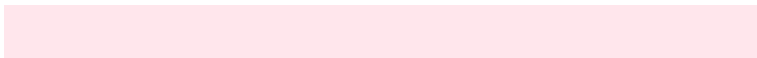
0.5824, 0.1641, 0.1106

Inverse Universe

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



75.3348, 0.3245, 0.3239



83.6058, 0.3264, 0.3231



85.8860, 0.3221, 0.3507



15.8203, 0.3256, 0.3234



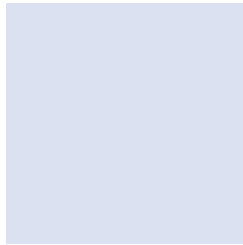
10.3196, 0.5968, 0.3061



0.8735, 0.5602, 0.2860

Previews

White Background



This preview shows how the Yxy color 75.4169, 0.2992, 0.3120 looks on a white background.

Color Contrast Check

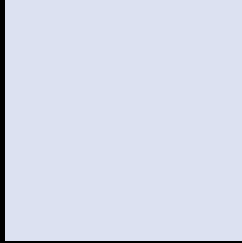
Large Text (above 18pt) WCAG AA × Fail

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 75.4169, 0.2992, 0.3120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

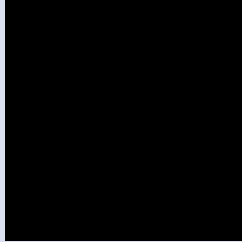
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

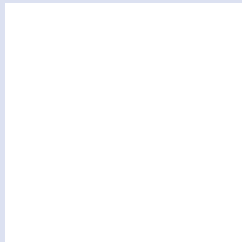
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.4169, 0.2992, 0.3120

Background



This preview shows how black text looks on a background with the Yxy color 75.4169, 0.2992, 0.3120.

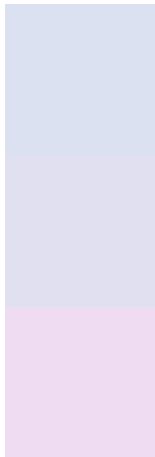


This preview shows how white text looks on a background with the Yxy color 75.4169, 0.2992, 0.3120.

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

75.4169, 0.2992, 0.3120

Protanopia

75.6101, 0.3032, 0.3122

Deuteranopia

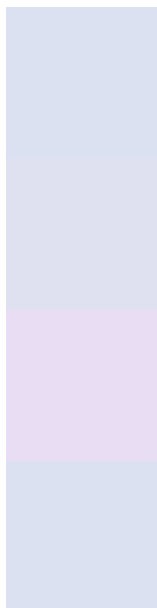
75.4246, 0.3117, 0.3055



Tritanopia

75.5371, 0.2980, 0.3100

Trichromacy



Original Color

75.4169, 0.2992, 0.3120

Protanomaly

75.2906, 0.3018, 0.3121

Deuteranomaly

75.2795, 0.3068, 0.3072

Tritanomaly

75.4769, 0.2986, 0.3110

Monochromacy



Original Color

75.4169, 0.2992, 0.3120

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.3079, 0.3075, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.4169, 0.2992, 0.3120 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(220, 225, 241)` looks like.

```
.text, #text, p{  
    color:rgb(220, 225, 241)  
}
```

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(220, 225, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 225, 241) }
```

Border

The CSS property to change the border of an element to Yxy 75.4169, 0.2992, 0.3120 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(220, 225, 241) }
```

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

```
.border{ border-color:rgb(220, 225, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 225, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 225, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 225, 241);  
box-shadow:4px 4px 4px 4px rgb(220, 225,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 75.4169, 0.2992, 0.3120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 225, 241) }
```

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

```
.background{ background-color: rgb(220,  
225, 241) }
```

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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