

Converting Colors

$Y_{xy}(75.1811, 0.3033, 0.3269)$

Have a look what the booklet for
Yxy(75.1811, 0.3033, 0.3269)
contains.

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Color

Yxy(75.0424, 0.3033, 0.3268)

Conversions

Conversions Part 1

Format	Color
Hex	D7E3E5
RGB	215, 227, 229
RGB Percent	84%, 89%, 90%
CMY	0.1567, 0.1098, 0.1020
CMYK	0.06, 0.01, 0.00, 0.10
HSL	189°, 21%, 87%
HSV	189°, 6%, 90%
XYZ	69.6461, 75.0424, 84.9394
YIQ	223.6400, -7.7940, -1.9220

Conversions

Conversions Part 2

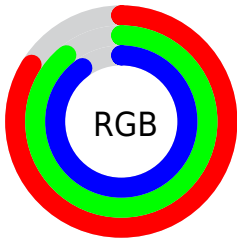
Format	Color
R _{YB}	215, 221, 229
Decimal	14148581
CIE Lab	89.41, -3.59, -2.36
CIE LCh	89, 4.303, 213.339
Yxy	75.0424, 0.3033, 0.3268
Android (android.graphics.Color)	4292338661 (0xFFD7E3E5)
YUV	223.6400, 2.6425, -7.5773
Hunter-Lab	86.6270, -8.0874, 2.5040

Details

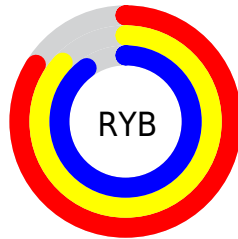
The Yxy color **75.0424, 0.3033, 0.3268** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.2199, 0.3228, 0.3312**, and the grayscale version is **74.2627, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.0346, 0.3005, 0.3261** is the 20% darker color. If you saturate the color by 10%, you get **70.0339, 0.2882, 0.3229**, and if you desaturate by 10%, it is **80.5770, 0.3188, 0.3303**.

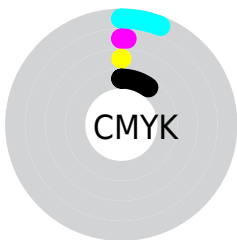
Distribution



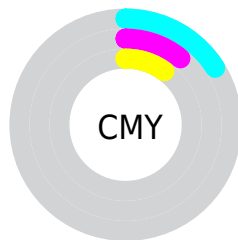
- Red (84%)
- Green (89%)
- Blue (90%)



- Red (84%)
- Yellow (87%)
- Blue (90%)



- Cyan (6%)
- Magenta (1%)
- Yellow (0%)
- Black (10%)



- Cyan (16%)
- Magenta (11%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.0424, 0.3033, 0.3268 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 75.0424, 0.3033, 0.3268 by changing the saturation by 10% instead.

■ 75.0424, 0.3033,
0.3268

■ 75.0424, 0.3033,
0.3268

478.0633, 0.3076,
0.3278

■ 55.6476, 0.3023,
0.3266

126.3724, 0.3048,
0.3272

■ 39.9205, 0.3011,
0.3263

159.0764, 0.3054,
0.3273

■ 27.4765, 0.2996,
0.3259

196.9856, 0.3059,
0.3274

■ 17.9314, 0.2976,
0.3254

240.4843, 0.3063,
0.3275

■ 10.9008, 0.2949,
0.3247

289.9571, 0.3067,
0.3276

■ 6.0002, 0.2910,
0.3237

345.7883, 0.3071,

■ 2.8452, 0.2850,

0.3277

0.3220

408.3622, 0.3074,
0.3278

■ 1.0514, 0.2743,
0.3190

■ 0.0000, 0.0000,
0.0000

■ 75.0424, 0.3033,
0.3268

■ 75.0424, 0.3033,
0.3268

■ 70.0339, 0.2882,
0.3229

■ 80.5770, 0.3188,
0.3303

■ 65.5216, 0.2736,
0.3187

■ 85.5209, 0.3303,
0.3336

■ 61.4871, 0.2601,
0.3142

■ 87.4079, 0.3299,
0.3368

■ 57.9071, 0.2478,
0.3094

■ 89.3299, 0.3296,
0.3400

■ 54.7563, 0.2371,
0.3045

■ 91.2870, 0.3292,
0.3432

■ 52.0065, 0.2281,
0.2994

■ 93.2795, 0.3289,
0.3464

■ 49.6260, 0.2211,
0.2943

■ 95.3075, 0.3285,
0.3495

■ 47.5779, 0.2160,
0.2891

■ 97.3712, 0.3281,
0.3526

■ 45.8162, 0.2127,
0.2841

■ 98.4370, 0.3280,
0.3542

Harmonies

Analogous

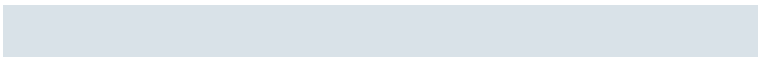
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.0424, 0.3062, 0.3314



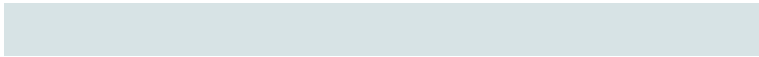
75.0424, 0.3033, 0.3268



75.0424, 0.3029, 0.3228

Triad

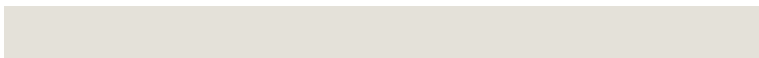
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.0424, 0.3033, 0.3268



75.0424, 0.3146, 0.3227



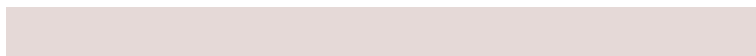
75.0424, 0.3203, 0.3376

Complementary

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



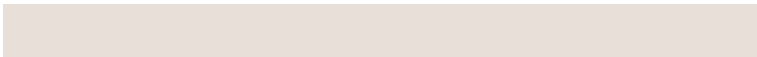
75.0424, 0.3033, 0.3268



71.2199, 0.3228, 0.3312

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.



75.0424, 0.3226, 0.3351



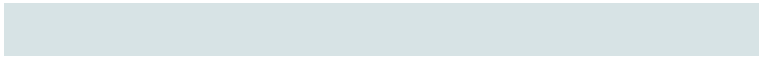
75.0424, 0.3033, 0.3268



75.0424, 0.3193, 0.3266

Square

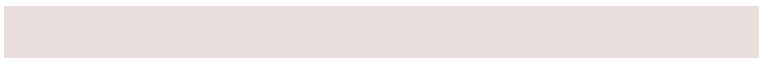
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



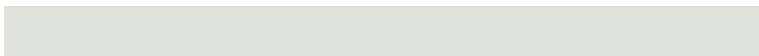
75.0424, 0.3033, 0.3268



75.0424, 0.3094, 0.3205



75.0424, 0.3222, 0.3311



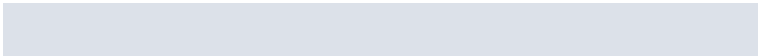
75.0424, 0.3160, 0.3377

Rectangle

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



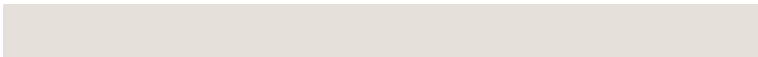
75.0424, 0.3033, 0.3268



75.0424, 0.3041, 0.3210



75.0424, 0.3222, 0.3311



75.0424, 0.3214, 0.3370

Sweetspot

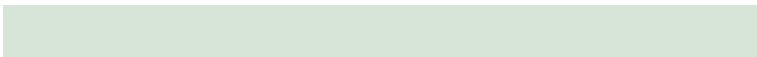
The Sweet Spot groups the original color and five complimentary colors.



75.0456, 0.3033, 0.3268



98.5787, 0.3096, 0.3283



75.4966, 0.3108, 0.3422



21.1148, 0.3097, 0.3283



0.0000, 0.0000, 0.0000



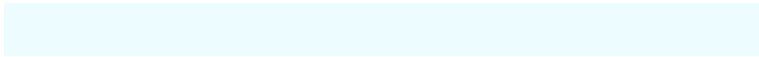
21.4041, 0.3127, 0.3290

Same Dimension

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



75.0456, 0.3033, 0.3268



95.1444, 0.3018, 0.3264



71.3838, 0.3034, 0.3193



16.1765, 0.3010, 0.3263



25.9664, 0.2119, 0.2829



2.0159, 0.2140, 0.2903

Inverse Universe

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



70.8292, 0.3148, 0.3163



88.9711, 0.3151, 0.3143



74.8148, 0.3222, 0.3385



15.0495, 0.3153, 0.3132



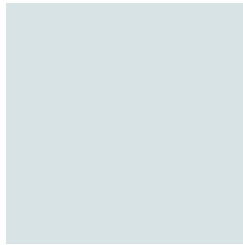
11.8190, 0.3608, 0.1761



0.8832, 0.3541, 0.1724

Previews

White Background



This preview shows how the Yxy color 75.0424, 0.3033, 0.3268 looks on a white background.

Color Contrast Check

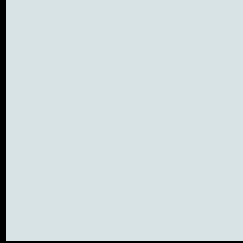
Large Text (above 18pt) WCAG AA × Fail

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 75.0424, 0.3033, 0.3268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

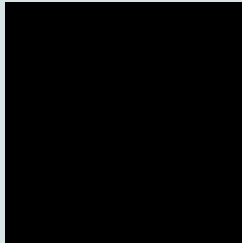
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

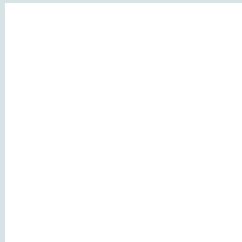
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.0424, 0.3033, 0.3268

Background



This preview shows how black text looks on a background with the Yxy color 75.0424, 0.3033, 0.3268.

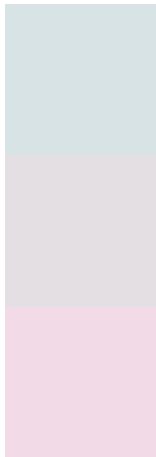


This preview shows how white text looks on a background with the Yxy color 75.0424, 0.3033, 0.3268.

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

75.0424, 0.3033, 0.3268

Protanopia

74.8154, 0.3136, 0.3248

Deuteranopia

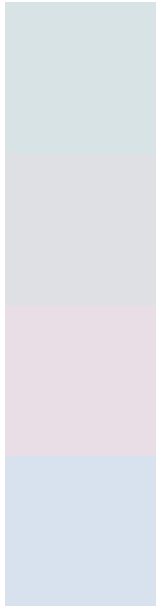
74.9670, 0.3220, 0.3157



Tritanopia

75.0732, 0.2960, 0.3098

Trichromacy



Original Color

75.0424, 0.3033, 0.3268

Protanomaly

74.6007, 0.3094, 0.3247

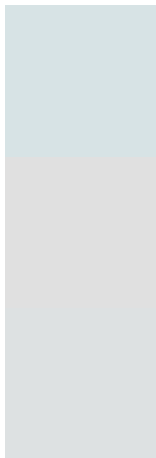
Deuteranomaly

74.7497, 0.3153, 0.3196

Tritanomaly

75.1647, 0.2984, 0.3161

Monochromacy



Original Color

75.0424, 0.3033, 0.3268

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.7136, 0.3093, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.0424, 0.3033, 0.3268 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(215, 227, 229) looks like.

```
.text, #text, p{  
    color:rgb(215, 227, 229)  
}
```

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(215, 227, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 227, 229) }
```

Border

The CSS property to change the border of an element to Yxy 75.0424, 0.3033, 0.3268 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(215, 227, 229) }
```

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

```
.border{ border-color:rgb(215, 227, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 227, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 227, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 227, 229);  
box-shadow:4px 4px 4px 4px rgb(215, 227,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 75.0424, 0.3033, 0.3268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 227, 229) }
```

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

```
.background{ background-color: rgb(215,  
227, 229) }
```

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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