

Converting Colors

$Yxy(75.6889, 0.3064, 0.3268)$

Have a look what the booklet for
Yxy(75.6889, 0.3064, 0.3268)
contains.

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Color

Yxy(75.8110, 0.3066, 0.3268)

Conversions

Conversions Part 1

Format	Color
Hex	DCE3E5
RGB	220, 227, 229
RGB Percent	86%, 89%, 90%
CMY	0.1374, 0.1098, 0.1018
CMYK	0.04, 0.01, 0.00, 0.10
HSL	193°, 15%, 88%
HSV	193°, 4%, 90%
XYZ	71.1250, 75.8110, 85.0438
YIQ	225.1350, -4.8140, -0.8620

Conversions

Conversions Part 2

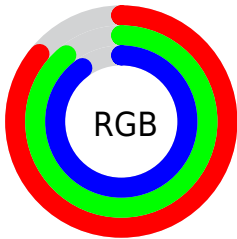
Format	Color
R _Y B	220, 224, 229
Decimal	14476261
CIE Lab	89.77, -1.97, -1.82
CIE LCh	90, 2.685, 222.728
Yxy	75.8110, 0.3066, 0.3268
Android (android.graphics.Color)	4292666341 (0xFFDCE3E5)
YUV	225.1350, 1.9054, -4.5034
Hunter-Lab	87.0695, -6.5593, 3.0381

Details

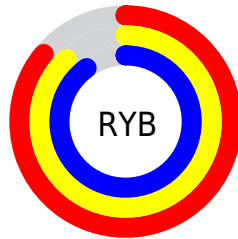
The Yxy color `75.8110, 0.3066, 0.3268` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `74.0762, 0.3191, 0.3312`, and the grayscale version is `75.3864, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `40.5604, 0.3049, 0.3262` is the 20% darker color. If you saturate the color by 10%, you get `69.7151, 0.2912, 0.3209`, and if you desaturate by 10%, it is `82.4867, 0.3220, 0.3322`.

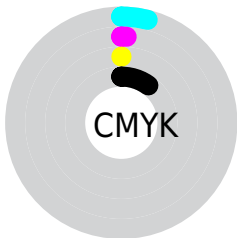
Distribution



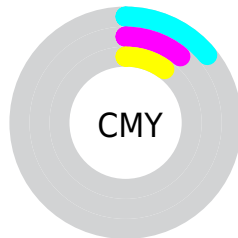
- Red (86%)
- Green (89%)
- Blue (90%)



- Red (86%)
- Yellow (88%)
- Blue (90%)



- Cyan (4%)
- Magenta (1%)
- Yellow (0%)
- Black (10%)



- Cyan (14%)
- Magenta (11%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.8110, 0.3066, 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 75.8110, 0.3066, 0.3268 by changing the saturation by 10% instead.

■ 75.8110, 0.3066,
0.3268

■ 75.8110, 0.3066,
0.3268

480.7005, 0.3094,
0.3278

■ 56.2775, 0.3060,
0.3266

127.4597, 0.3076,
0.3272

■ 40.4255, 0.3052,
0.3263

160.3438, 0.3080,
0.3273

■ 27.8704, 0.3042,
0.3259

198.4468, 0.3083,
0.3274

■ 18.2280, 0.3029,
0.3254

242.1532, 0.3086,
0.3275

■ 11.1138, 0.3011,
0.3248

291.8474, 0.3088,
0.3276

■ 6.1434, 0.2986,
0.3238

347.9137, 0.3090,

■ 2.9325, 0.2947,

0.3277

0.3223

410.7366, 0.3092,
0.3278

■ 1.0966, 0.2879,
0.3196

■ 0.0000, 0.0000,
0.0000

■ 75.8110, 0.3066,
0.3268

■ 75.8110, 0.3066,
0.3268

■ 69.7151, 0.2912,
0.3209

■ 82.4867, 0.3220,
0.3322

■ 64.1689, 0.2762,
0.3144

■ 87.6497, 0.3299,
0.3372

■ 59.1537, 0.2619,
0.3073

■ 90.6704, 0.3293,
0.3422

■ 54.6460, 0.2485,
0.2998

■ 93.7770, 0.3287,
0.3471

■ 50.6204, 0.2364,
0.2920

■ 96.9702, 0.3282,
0.3520

■ 47.0489, 0.2260,
0.2838

■ 98.4396, 0.3279,
0.3542

■ 43.9000, 0.2174,
0.2755

■ 41.1374, 0.2107,
0.2672

■ 38.7172, 0.2060,
0.2589

Harmonies

Analogous

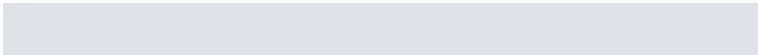
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.8110, 0.3079, 0.3296



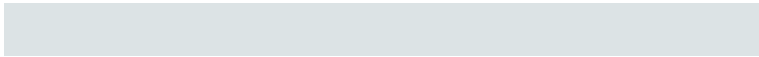
75.8110, 0.3066, 0.3268



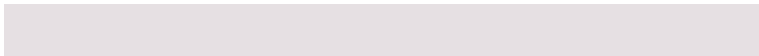
75.8110, 0.3069, 0.3246

Triad

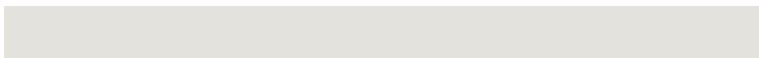
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.8110, 0.3066, 0.3268



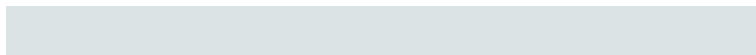
75.8110, 0.3149, 0.3258



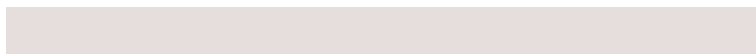
75.8110, 0.3167, 0.3345

Complementary

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



75.8110, 0.3066, 0.3268



74.0762, 0.3191, 0.3312

Split Complementary

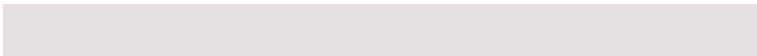
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.8110, 0.3186, 0.3334



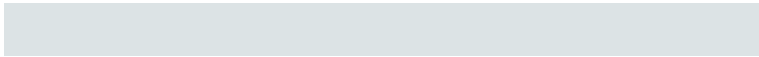
75.8110, 0.3066, 0.3268



75.8110, 0.3175, 0.3284

Square

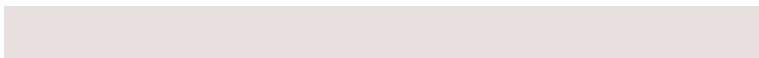
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



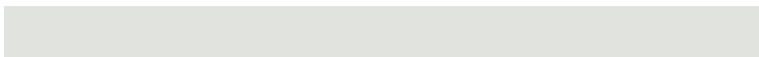
75.8110, 0.3066, 0.3268



75.8110, 0.3117, 0.3240



75.8110, 0.3189, 0.3312



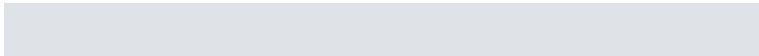
75.8110, 0.3138, 0.3341

Rectangle

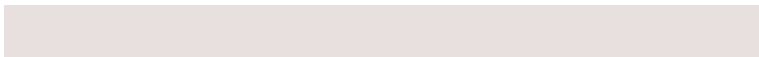
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.8110, 0.3066, 0.3268



75.8110, 0.3080, 0.3237



75.8110, 0.3189, 0.3312



75.8110, 0.3175, 0.3343

Sweetspot

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



75.8142, 0.3066, 0.3268



99.1554, 0.3112, 0.3285



76.5444, 0.3110, 0.3367



21.2322, 0.3112, 0.3285



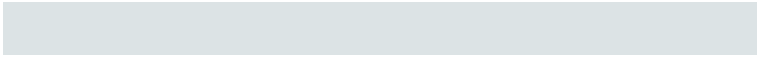
0.0000, 0.0000, 0.0000



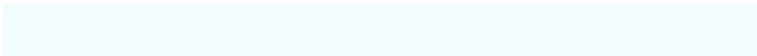
21.4041, 0.3127, 0.3290

Same Dimension

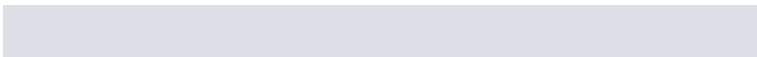
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.8142, 0.3066, 0.3268



95.8514, 0.3050, 0.3262



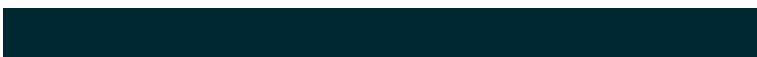
73.4015, 0.3067, 0.3220



16.2681, 0.3040, 0.3258



21.5507, 0.2042, 0.2553



1.7276, 0.2076, 0.2673

Inverse Universe

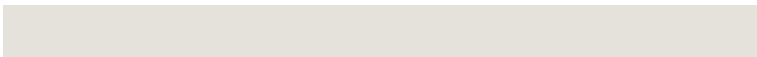
The Inverse Universe completely reimagines the original color for something new.



73.3830, 0.3145, 0.3215



91.9505, 0.3150, 0.3195



76.4813, 0.3187, 0.3359



15.5215, 0.3153, 0.3183



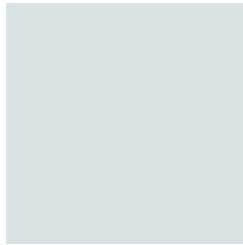
11.3733, 0.3870, 0.1906



0.8541, 0.3754, 0.1842

Previews

White Background



This preview shows how the Yxy color 75.8110, 0.3066, 0.3268 looks on a white background.

Color Contrast Check

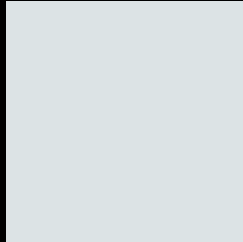
Large Text (above 18pt) WCAG AA × Fail

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 75.8110, 0.3066, 0.3268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

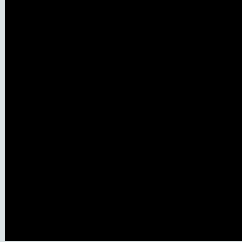
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

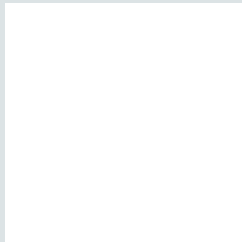
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.8110, 0.3066, 0.3268

Background



This preview shows how black text looks on a background with the Yxy color 75.8110, 0.3066, 0.3268.

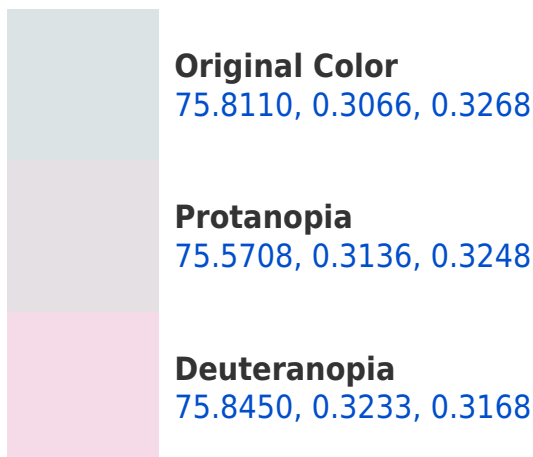


This preview shows how white text looks on a background with the Yxy color 75.8110, 0.3066, 0.3268.

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

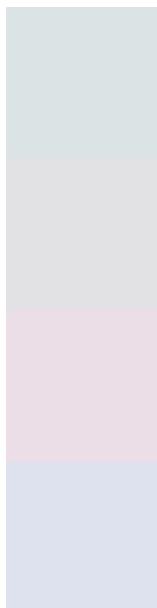




Tritanopia

75.8511, 0.2993, 0.3100

Trichromacy



Original Color

75.8110, 0.3066, 0.3268

Protanomaly

75.6206, 0.3115, 0.3258

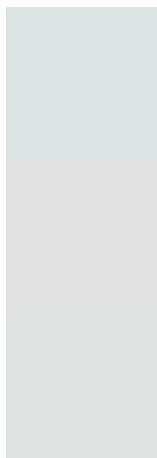
Deuteranomaly

75.7886, 0.3173, 0.3207

Tritanomaly

75.9379, 0.3017, 0.3163

Monochromacy



Original Color

75.8110, 0.3066, 0.3268

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.5717, 0.3106, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.8110, 0.3066, 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(220, 227, 229)` looks like.

```
.text, #text, p{  
    color:rgb(220, 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(220, 227, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 227, 229) }
```

Border

The CSS property to change the border of an element to Yxy 75.8110, 0.3066, 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(220, 227, 229) }
```

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

```
.border{ border-color:rgb(220, 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(220, 227, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 227, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 227, 229);  
box-shadow:4px 4px 4px 4px rgb(220, 227,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 75.8110, 0.3066, 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(220, 227, 229) }
```

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

```
.background{ background-color: rgb(220,  
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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