

Converting Colors

$Yxy(70.3865, 0.3081, 0.3232)$

Have a look what the booklet for
Yxy(70.3865, 0.3081, 0.3232)
contains.

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Color

Yxy(70.2763, 0.3080, 0.3224)

Conversions

Conversions Part 1

Format	Color
Hex	D9DAE0
RGB	217, 218, 224
RGB Percent	85%, 85%, 88%
CMY	0.1491, 0.1451, 0.1215
CMYK	0.03, 0.03, 0.00, 0.12
HSL	231°, 10%, 86%
HSV	231°, 3%, 88%
XYZ	67.1374, 70.2763, 80.5649
YIQ	218.3850, -2.5220, 1.6540

Conversions

Conversions Part 2

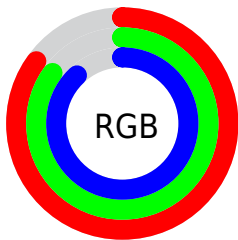
Format	Color
R _Y B	217, 218, 224
Decimal	14277344
CIE Lab	87.13, 0.76, -3.08
CIE LCh	87, 3.172, 283.810
Yxy	70.2763, 0.3080, 0.3224
Android (android.graphics.Color)	4292467424 (0xFFD9DAE0)
YUV	218.3850, 2.7682, -1.2146
Hunter-Lab	83.8310, -3.7495, 1.7016

Details

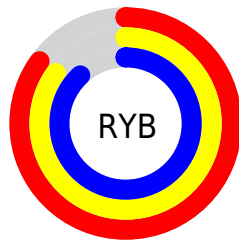
The Yxy color **70.2763, 0.3080, 0.3224** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.6284, 0.3174, 0.3355**, and the grayscale version is **70.3724, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.7403, 0.3066, 0.3204** is the 20% darker color. If you saturate the color by 10%, you get **57.7327, 0.2919, 0.2996**, and if you desaturate by 10%, it is **84.4338, 0.3224, 0.3424**.

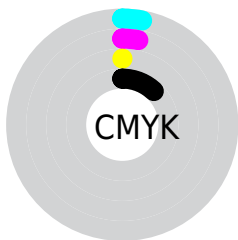
Distribution



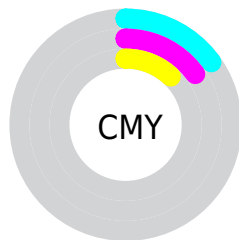
- Red (85%)
- Green (85%)
- Blue (88%)



- Red (85%)
- Yellow (85%)
- Blue (88%)



- Cyan (3%)
- Magenta (3%)
- Yellow (0%)
- Black (12%)



- Cyan (15%)
- Magenta (15%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.2763, 0.3080, 0.3224 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 70.2763, 0.3080, 0.3224 by changing the saturation by 10% instead.

■ 70.2763, 0.3080,
0.3224

■ 70.2763, 0.3080,
0.3224

461.5195, 0.3102,
0.3255

■ 51.7518, 0.3075,
0.3217

119.6027, 0.3088,
0.3235

■ 36.8073, 0.3069,
0.3208

151.1734, 0.3091,
0.3239

■ 25.0583, 0.3061,
0.3197

187.8616, 0.3093,
0.3242

■ 16.1205, 0.3050,
0.3182

230.0518, 0.3095,
0.3246

■ 9.6095, 0.3036,
0.3162

278.1283, 0.3097,
0.3248

■ 5.1408, 0.3014,
0.3133

332.4754, 0.3099,

■ 2.3301, 0.2980,

0.3251

0.3086

393.4777, 0.3101,
0.3253

0.7896, 0.2915,
0.2993

0.0000, 0.0000,
0.0000

70.2763, 0.3080,
0.3224

70.2763, 0.3080,
0.3224

57.7327, 0.2919,
0.2996

84.4338, 0.3224,
0.3424

46.7367, 0.2742,
0.2739

98.1633, 0.3309,
0.3591

37.2307, 0.2552,
0.2456

29.1501, 0.2352,
0.2151

■ 22.4253, 0.2152,
0.1835

■ 16.9811, 0.1962,
0.1523

■ 12.7345, 0.1794,
0.1233

■ 9.5928, 0.1660,
0.0986

■ 7.4484, 0.1569,
0.0798

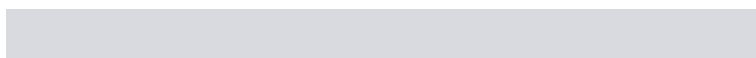
Harmonies

Analogous

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



70.2763, 0.3057, 0.3236



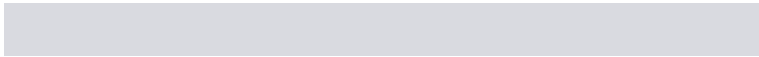
70.2763, 0.3080, 0.3224



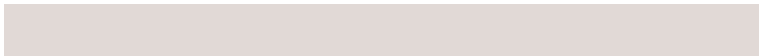
70.2763, 0.3116, 0.3230

Triad

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



70.2763, 0.3080, 0.3224



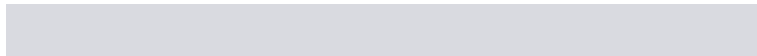
70.2763, 0.3202, 0.3318



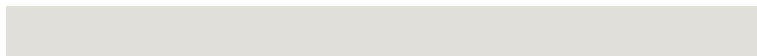
70.2763, 0.3100, 0.3329

Complementary

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



70.2763, 0.3080, 0.3224



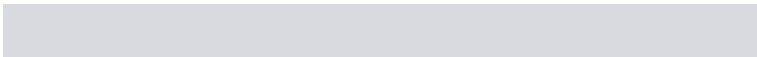
73.6284, 0.3174, 0.3355

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.



70.2763, 0.3138, 0.3351



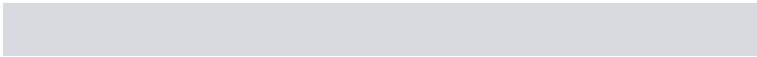
70.2763, 0.3080, 0.3224



70.2763, 0.3198, 0.3345

Square

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



70.2763, 0.3080, 0.3224



70.2763, 0.3186, 0.3284



70.2763, 0.3174, 0.3357



70.2763, 0.3068, 0.3296

Rectangle

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



70.2763, 0.3080, 0.3224



70.2763, 0.3142, 0.3243



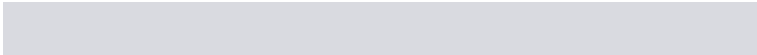
70.2763, 0.3174, 0.3357



70.2763, 0.3112, 0.3338

Sweetspot

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



70.2793, 0.3080, 0.3224



98.1401, 0.3112, 0.3269



73.3990, 0.3085, 0.3301



21.0256, 0.3113, 0.3270



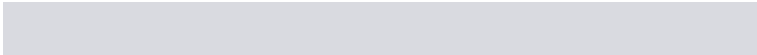
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



70.2793, 0.3080, 0.3224



92.6921, 0.3067, 0.3205



70.1232, 0.3098, 0.3213



14.8772, 0.3056, 0.3190



3.8677, 0.1535, 0.0724



0.3720, 0.1600, 0.0960

Inverse Universe

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



70.5254, 0.3171, 0.3279



93.1163, 0.3184, 0.3276



73.7936, 0.3156, 0.3367



14.9583, 0.3194, 0.3273



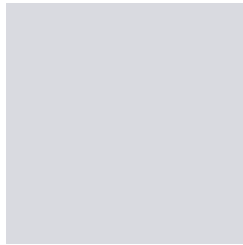
9.2985, 0.6193, 0.3185



0.6550, 0.5820, 0.2980

Previews

White Background



This preview shows how the Yxy color 70.2763, 0.3080, 0.3224 looks on a white background.

Color Contrast Check

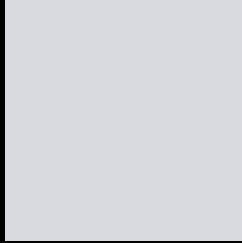
Large Text (above 18pt) WCAG AA × Fail

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 70.2763, 0.3080, 0.3224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

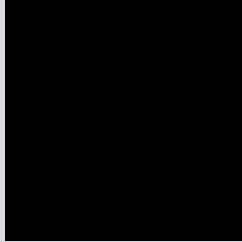
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

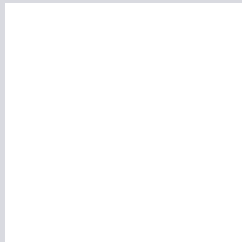
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.2763, 0.3080, 0.3224

Background



This preview shows how black text looks on a background with the Yxy color 70.2763, 0.3080, 0.3224.

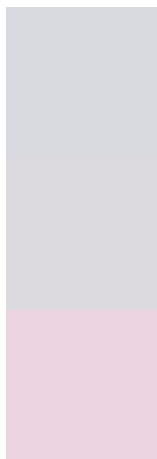


This preview shows how white text looks on a background with the Yxy color 70.2763, 0.3080, 0.3224.

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

70.2763, 0.3080, 0.3224

Protanopia

70.1691, 0.3109, 0.3225

Deuteranopia

70.3561, 0.3215, 0.3153



Tritanopia

70.4716, 0.3023, 0.3106

Trichromacy



Original Color

70.2763, 0.3080, 0.3224

Protanomaly

70.0135, 0.3102, 0.3224

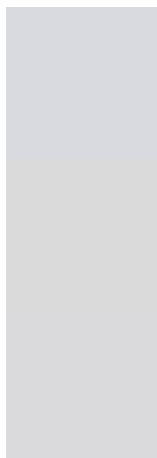
Deuteranomaly

70.1874, 0.3162, 0.3173

Tritanomaly

70.2443, 0.3049, 0.3149

Monochromacy



Original Color

70.2763, 0.3080, 0.3224

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.2155, 0.3114, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.2763, 0.3080, 0.3224 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(217, 218, 224) looks like.

```
.text, #text, p{  
    color:rgb(217, 218, 224)  
}
```

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(217, 218, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 218, 224) }
```

Border

The CSS property to change the border of an element to Yxy 70.2763, 0.3080, 0.3224 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(217, 218, 224) }
```

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

```
.border{ border-color:rgb(217, 218, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 218, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 218, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 218, 224);  
box-shadow:4px 4px 4px 4px rgb(217, 218,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 70.2763, 0.3080, 0.3224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 218, 224) }
```

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

```
.background{ background-color: rgb(217,  
218, 224) }
```

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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