

Converting Colors

Yxy(69.5743, 0.2978, 0.3134)

Have a look what the booklet for
Yxy(69.5743, 0.2978, 0.3134)
contains.

Yxy(69.6706, 0.2980, 0.3136)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(69.6706, 0.2980, 0.3136)

Conversions

Conversions Part 1

Format	Color
Hex	D2DAE8
RGB	210, 218, 232
RGB Percent	82%, 85%, 91%
CMY	0.1766, 0.1450, 0.0903
CMYK	0.09, 0.06, 0.00, 0.09
HSL	218°, 32%, 87%
HSV	218°, 9%, 91%
XYZ	66.2048, 69.6706, 86.2885
YIQ	217.2040, -9.2620, 2.6580

Conversions

Conversions Part 2

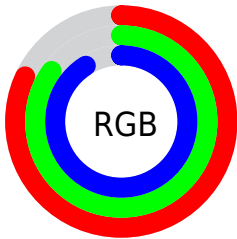
Format	Color
R _{YB}	210, 216, 232
Decimal	13818600
CIE Lab	86.84, -0.03, -7.78
CIE LCh	87, 7.779, 269.754
Yxy	69.6706, 0.2980, 0.3136
Android (android.graphics.Color)	4292008680 (0xFFD2DAE8)
YUV	217.2040, 7.2944, -6.3179
Hunter-Lab	83.4689, -4.4902, -2.8645

Details

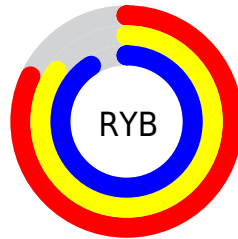
The Yxy color **69.6706, 0.2980, 0.3136** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.0767, 0.3277, 0.3439**, and the grayscale version is **69.4864, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.2975, 0.2944, 0.3102** is the 20% darker color. If you saturate the color by 10%, you get **59.2168, 0.2815, 0.2954**, and if you desaturate by 10%, it is **81.3011, 0.3135, 0.3298**.

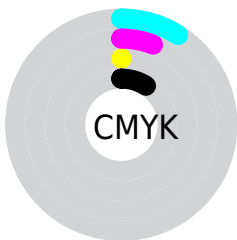
Distribution



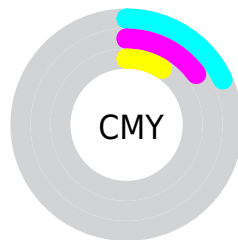
- Red (82%)
- Green (85%)
- Blue (91%)



- Red (82%)
- Yellow (85%)
- Blue (91%)



- Cyan (9%)
- Magenta (6%)
- Yellow (0%)
- Black (9%)



- Cyan (18%)
- Magenta (15%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.6706, 0.2980, 0.3136 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 69.6706, 0.2980, 0.3136 by changing the saturation by 10% instead.

■ 69.6706, 0.2980,
0.3136

■ 69.6706, 0.2980,
0.3136

459.3926, 0.3049,
0.3208

■ 51.2580, 0.2964,
0.3119

118.7389, 0.3004,
0.3161

■ 36.4140, 0.2945,
0.3099

150.1634, 0.3013,
0.3171

■ 24.7541, 0.2920,
0.3073

186.6940, 0.3021,
0.3179

■ 15.8940, 0.2887,
0.3039

228.7152, 0.3028,
0.3186

■ 9.4491, 0.2843,
0.2992

276.6112, 0.3034,
0.3193

■ 5.0353, 0.2777,
0.2924

330.7665, 0.3039,

■ 2.2680, 0.2674,

0.3198

0.2815

391.5655, 0.3044,
0.3203

0.7567, 0.2476,
0.2608

0.0000, 0.0000,
0.0000

69.6706, 0.2980,
0.3136

69.6706, 0.2980,
0.3136

59.2168, 0.2815,
0.2954

81.3011, 0.3135,
0.3298

49.8923, 0.2643,
0.2753

93.8776, 0.3269,
0.3441

41.6590, 0.2466,
0.2533

98.6052, 0.3262,
0.3513

34.4734, 0.2290,
0.2298

■ 28.2887, 0.2121,
0.2053

■ 23.0537, 0.1967,
0.1807

■ 18.7123, 0.1834,
0.1567

■ 15.2000, 0.1729,
0.1345

■ 12.4260, 0.1654,
0.1150

Harmonies

Analogous

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



69.6706, 0.2945, 0.3182



69.6706, 0.2980, 0.3136



69.6706, 0.3055, 0.3131

Triad

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



69.6706, 0.2980, 0.3136



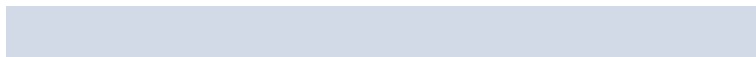
69.6706, 0.3300, 0.3318



69.6706, 0.3103, 0.3417

Complementary

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



69.6706, 0.2980, 0.3136



75.0767, 0.3277, 0.3439

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.



69.6706, 0.3198, 0.3454



69.6706, 0.2980, 0.3136



69.6706, 0.3313, 0.3395

Square

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



69.6706, 0.2980, 0.3136



69.6706, 0.3240, 0.3235



69.6706, 0.3276, 0.3445



69.6706, 0.3015, 0.3345

Rectangle

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



69.6706, 0.2980, 0.3136



69.6706, 0.3117, 0.3151



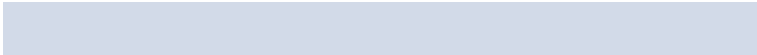
69.6706, 0.3276, 0.3445



69.6706, 0.3135, 0.3435

Sweetspot

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



69.6735, 0.2980, 0.3136



95.5214, 0.3081, 0.3243



76.7766, 0.3030, 0.3378



20.1942, 0.3069, 0.3230



0.0000, 0.0000, 0.0000



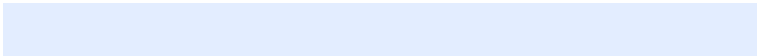
21.4041, 0.3127, 0.3290

Same Dimension

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



69.6735, 0.2980, 0.3136



84.2333, 0.2955, 0.3109



66.0311, 0.3000, 0.3047



14.7461, 0.2981, 0.3137



7.0492, 0.1658, 0.1170



0.6932, 0.1740, 0.1462

Inverse Universe

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



68.2907, 0.3236, 0.3204



82.2976, 0.3256, 0.3189



79.0206, 0.3248, 0.3525



14.4547, 0.3235, 0.3204



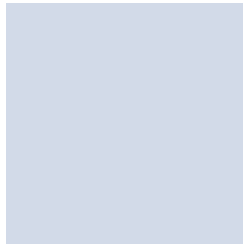
9.9093, 0.5509, 0.2809



0.7497, 0.5108, 0.2588

Previews

White Background



This preview shows how the Yxy color 69.6706, 0.2980, 0.3136 looks on a white background.

Color Contrast Check

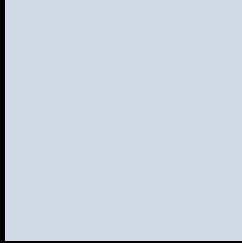
Large Text (above 18pt) WCAG AA × Fail

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 69.6706, 0.2980, 0.3136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

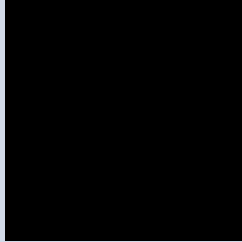
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

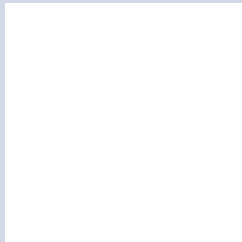
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.6706, 0.2980, 0.3136

Background



This preview shows how black text looks on a background with the Yxy color 69.6706, 0.2980, 0.3136.

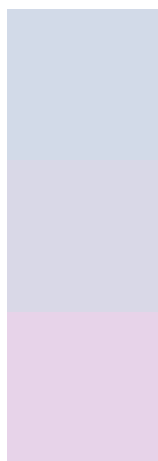


This preview shows how white text looks on a background with the Yxy color 69.6706, 0.2980, 0.3136.

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

69.6706, 0.2980, 0.3136

Protanopia

69.6330, 0.3035, 0.3127

Deuteranopia

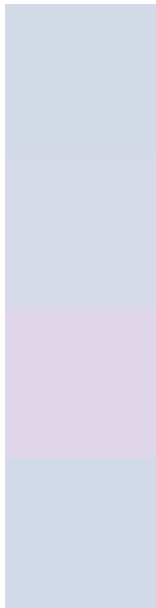
69.4606, 0.3123, 0.3058



Tritanopia

69.8426, 0.2961, 0.3103

Trichromacy



Original Color

69.6706, 0.2980, 0.3136

Protanomaly

69.6914, 0.3014, 0.3137

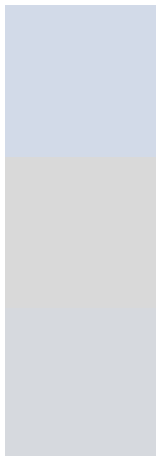
Deuteranomaly

69.6643, 0.3065, 0.3086

Tritanomaly

69.7850, 0.2968, 0.3114

Monochromacy



Original Color

69.6706, 0.2980, 0.3136

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.1958, 0.3073, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.6706, 0.2980, 0.3136 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(210, 218, 232)` looks like.

```
.text, #text, p{  
    color:rgb(210, 218, 232)  
}
```

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(210, 218, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 218, 232) }
```

Border

The CSS property to change the border of an element to Yxy 69.6706, 0.2980, 0.3136 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(210, 218, 232) }
```

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

```
.border{ border-color:rgb(210, 218, 232) }
```

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

Here you see how a box with a 4 pixel rgb(210, 218, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 218, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 218, 232);  
box-shadow:4px 4px 4px 4px rgb(210, 218,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 69.6706, 0.2980, 0.3136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 218, 232) }
```

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

```
.background{ background-color: rgb(210,  
218, 232) }
```

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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