

Converting Colors

Yxy(63.0497, 0.2968, 0.3110)

Have a look what the booklet for
Yxy(63.0497, 0.2968, 0.3110)
contains.

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Color

Yxy(62.9111, 0.2968, 0.3107)

Conversions

Conversions Part 1

Format	Color
Hex	C9D0E0
RGB	201, 208, 224
RGB Percent	79%, 82%, 88%
CMY	0.2117, 0.1843, 0.1217
CMYK	0.10, 0.07, 0.00, 0.12
HSL	222°, 27%, 83%
HSV	222°, 10%, 88%
XYZ	60.0966, 62.9111, 79.4741
YIQ	207.7310, -9.3080, 3.4920

Conversions

Conversions Part 2

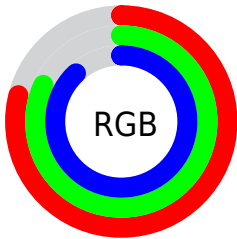
Format	Color
R _Y B	201, 206, 224
Decimal	13226208
CIE Lab	83.40, 0.72, -8.70
CIE LCh	83, 8.732, 274.722
Yxy	62.9111, 0.2968, 0.3107
Android (android.graphics.Color)	4291416288 (0xFFC9D0E0)
YUV	207.7310, 8.0206, -5.9031
Hunter-Lab	79.3165, -3.5579, -3.8862

Details

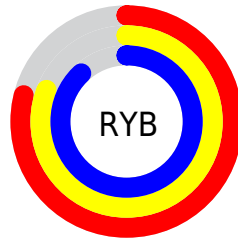
The Yxy color $62.9111, 0.2968, 0.3107$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $69.6743, 0.3288, 0.3467$, and the grayscale version is $62.8466, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $32.1788, 0.2927, 0.3063$ is the 20% darker color. If you saturate the color by 10%, you get $52.8065, 0.2801, 0.2906$, and if you desaturate by 10%, it is $74.2194, 0.3123, 0.3286$.

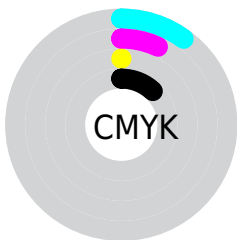
Distribution



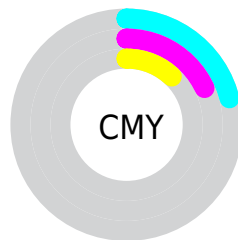
- Red (79%)
- Green (82%)
- Blue (88%)



- Red (79%)
- Yellow (81%)
- Blue (88%)



- Cyan (10%)
- Magenta (7%)
- Yellow (0%)
- Black (12%)



- Cyan (21%)
- Magenta (18%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.9111, 0.2968, 0.3107 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 62.9111, 0.2968, 0.3107 by changing the saturation by 10% instead.

■ 62.9111, 0.2968,
0.3107

■ 62.9111, 0.2968,
0.3107

435.2468, 0.3043,
0.3194

■ 45.7693, 0.2950,
0.3087

109.0412, 0.2995,
0.3137

■ 32.0638, 0.2928,
0.3061

138.7984, 0.3005,
0.3149

■ 21.4102, 0.2900,
0.3029

173.5294, 0.3014,
0.3159

■ 13.4242, 0.2862,
0.2986

213.6187, 0.3021,
0.3168

■ 7.7213, 0.2809,
0.2926

259.4507, 0.3028,
0.3176

■ 3.9171, 0.2730,
0.2836

311.4098, 0.3034,

■ 1.6273, 0.2600,

0.3182

0.2689

369.8804, 0.3039,
0.3188

0.3759, 0.2118,
0.2124

0.0000, 0.0000,
0.0000

62.9111, 0.2968,
0.3107

62.9111, 0.2968,
0.3107

52.8065, 0.2801,
0.2906

74.2194, 0.3123,
0.3286

43.8568, 0.2624,
0.2683

86.7624, 0.3266,
0.3443

36.0213, 0.2442,
0.2440

97.9887, 0.3310,
0.3589

29.2539, 0.2259,
0.2182

98.1602, 0.3310,
0.3592

■ 23.5049, 0.2083,
0.1915

■ 18.7203, 0.1922,
0.1649

■ 14.8404, 0.1786,
0.1398

■ 11.7972, 0.1680,
0.1173

■ 9.5407, 0.1608,
0.0988

Harmonies

Analogous

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



62.9111, 0.2919, 0.3152



62.9111, 0.2968, 0.3107



62.9111, 0.3060, 0.3110

Triad

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



62.9111, 0.2968, 0.3107



62.9111, 0.3335, 0.3338



62.9111, 0.3080, 0.3427

Complementary

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



62.9111, 0.2968, 0.3107



69.6743, 0.3288, 0.3467

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.



62.9111, 0.3192, 0.3478



62.9111, 0.2968, 0.3107



62.9111, 0.3340, 0.3424

Square

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



62.9111, 0.2968, 0.3107



62.9111, 0.3273, 0.3242



62.9111, 0.3287, 0.3476



62.9111, 0.2983, 0.3337

Rectangle

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



62.9111, 0.2968, 0.3107



62.9111, 0.3134, 0.3138



62.9111, 0.3287, 0.3476



62.9111, 0.3117, 0.3449

Sweetspot

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



62.9137, 0.2968, 0.3107



95.2304, 0.3082, 0.3238



70.7085, 0.3015, 0.3372



20.1158, 0.3069, 0.3224



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.



62.9137, 0.2968, 0.3107



81.8177, 0.2938, 0.3072



60.1702, 0.2998, 0.3028



13.9207, 0.2981, 0.3122



5.7330, 0.1615, 0.1014



0.5520, 0.1701, 0.1322

Inverse Universe

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



62.1761, 0.3255, 0.3213



80.7110, 0.3281, 0.3198



72.6911, 0.3249, 0.3544



13.7689, 0.3244, 0.3219



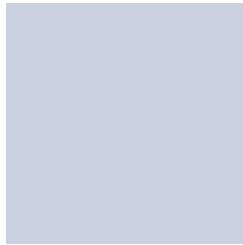
9.4868, 0.5738, 0.2934



0.6732, 0.5297, 0.2692

Previews

White Background



This preview shows how the Yxy color 62.9111, 0.2968, 0.3107 looks on a white background.

Color Contrast Check

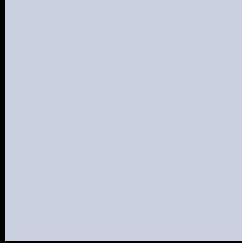
Large Text (above 18pt) WCAG AA × Fail

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 62.9111, 0.2968, 0.3107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

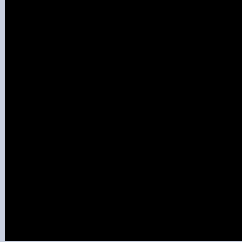
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

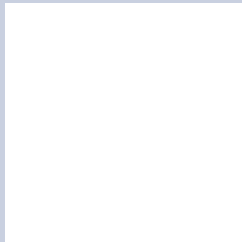
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.9111, 0.2968, 0.3107

Background



This preview shows how black text looks on a background with the Yxy color 62.9111, 0.2968, 0.3107.

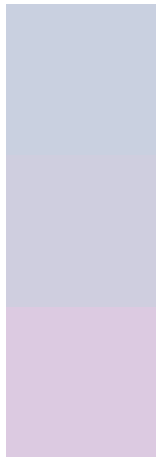


This preview shows how white text looks on a background with the Yxy color 62.9111, 0.2968, 0.3107.

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

62.9111, 0.2968, 0.3107

Protanopia

62.7357, 0.3018, 0.3097

Deuteranopia

62.8929, 0.3101, 0.3037



Tritanopia

62.9111, 0.2968, 0.3107

Trichromacy



Original Color

62.9111, 0.2968, 0.3107

Protanomaly

62.9325, 0.3003, 0.3108

Deuteranomaly

62.7681, 0.3048, 0.3055

Tritanomaly

62.9111, 0.2968, 0.3107

Monochromacy



Original Color

62.9111, 0.2968, 0.3107

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.9459, 0.3064, 0.3221

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.9111, 0.2968, 0.3107 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(201, 208, 224)` looks like.

```
.text, #text, p{  
    color:rgb(201, 208, 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(201, 208, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 208, 224) }
```

Border

The CSS property to change the border of an element to Yxy 62.9111, 0.2968, 0.3107 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(201, 208, 224) }
```

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

```
.border{ border-color:rgb(201, 208, 224) }
```

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

Here you see how a box with a 4 pixel rgb(201, 208, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 208, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 208, 224);  
box-shadow:4px 4px 4px 4px rgb(201, 208,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 62.9111, 0.2968, 0.3107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 208, 224) }
```

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

```
.background{ background-color: rgb(201,  
208, 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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