

Converting Colors

Yxy(63.1319, 0.2962, 0.3172)

Have a look what the booklet for
Yxy(63.1319, 0.2962, 0.3172)
contains.

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Color

Yxy(63.1308, 0.2966, 0.3174)

Conversions

Conversions Part 1

Format	Color
Hex	C5D2DC
RGB	197, 210, 220
RGB Percent	77%, 82%, 86%
CMY	0.2274, 0.1765, 0.1373
CMYK	0.10, 0.05, 0.00, 0.14
HSL	206°, 25%, 82%
HSV	206°, 10%, 86%
XYZ	58.9937, 63.1308, 76.7753
YIQ	207.2530, -10.9580, 0.3540

Conversions

Conversions Part 2

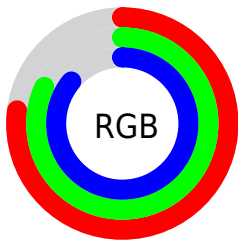
Format	Color
RYB	197, 205, 220
Decimal	12964572
CIELab	83.51, -2.42, -6.44
CIElCh	84, 6.881, 249.403
Yxy	63.1308, 0.2966, 0.3174
Android (android.graphics.Color)	4291154652 (0xFFC5D2DC)
YUV	207.2530, 6.2843, -8.9919
Hunter-Lab	79.4549, -6.5133, -1.6721

Details

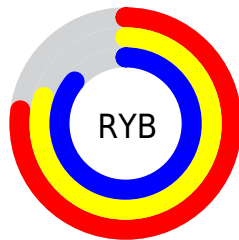
The Yxy color **63.1308, 0.2966, 0.3174** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.8767, 0.3298, 0.3403**, and the grayscale version is **62.5357, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **32.3332, 0.2925, 0.3151** is the 20% darker color. If you saturate the color by 10%, you get **55.7928, 0.2808, 0.3050**, and if you desaturate by 10%, it is **71.1899, 0.3121, 0.3285**.

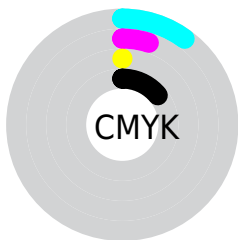
Distribution



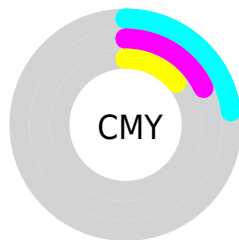
- Red (77%)
- Green (82%)
- Blue (86%)



- Red (77%)
- Yellow (80%)
- Blue (86%)



- Cyan (10%)
- Magenta (5%)
- Yellow (0%)
- Black (14%)



- Cyan (23%)
- Magenta (18%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.1308, 0.2966, 0.3174 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 63.1308, 0.2966, 0.3174 by changing the saturation by 10% instead.

■ 63.1308, 0.2966,
0.3174

■ 63.1308, 0.2966,
0.3174

436.0440, 0.3042,
0.3229

■ 45.9470, 0.2948,
0.3161

109.3582, 0.2993,
0.3194

■ 32.2040, 0.2926,
0.3145

139.1706, 0.3003,
0.3201

■ 21.5174, 0.2897,
0.3123

173.9614, 0.3012,
0.3207

■ 13.5027, 0.2859,
0.3095

214.1149, 0.3020,
0.3213

■ 7.7756, 0.2806,
0.3055

260.0155, 0.3026,
0.3218

■ 3.9517, 0.2727,
0.2995

312.0476, 0.3032,

■ 1.6466, 0.2598,

0.3222

0.2895

370.5957, 0.3038,
0.3226

0.3887, 0.1973,
0.2472

0.0000, 0.0000,
0.0000

63.1308, 0.2966,
0.3174

63.1308, 0.2966,
0.3174

55.7928, 0.2808,
0.3050

71.1899, 0.3121,
0.3285

49.1445, 0.2648,
0.2914

79.9844, 0.3269,
0.3385

43.1632, 0.2491,
0.2767

87.9852, 0.3355,
0.3476

37.8223, 0.2340,
0.2609

93.7271, 0.3343,
0.3568

■ 33.0926, 0.2201,
0.2444

■ 97.9465, 0.3334,
0.3631

■ 28.9419, 0.2076,
0.2274

■ 25.3344, 0.1972,
0.2104

■ 22.2280, 0.1889,
0.1937

■ 19.6602, 0.1829,
0.1783

Harmonies

Analogous

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



63.1308, 0.2963, 0.3237



63.1308, 0.2966, 0.3174



63.1308, 0.3011, 0.3143

Triad

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



63.1308, 0.2966, 0.3174



63.1308, 0.3252, 0.3264



63.1308, 0.3165, 0.3434

Complementary

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



63.1308, 0.2966, 0.3174



63.8767, 0.3298, 0.3403

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.



63.1308, 0.3243, 0.3439



63.1308, 0.2966, 0.3174



63.1308, 0.3294, 0.3340

Square

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



63.1308, 0.2966, 0.3174



63.1308, 0.3176, 0.3195



63.1308, 0.3291, 0.3404



63.1308, 0.3077, 0.3388

Rectangle

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



63.1308, 0.2966, 0.3174



63.1308, 0.3060, 0.3145



63.1308, 0.3291, 0.3404



63.1308, 0.3193, 0.3440

Sweetspot

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



63.1334, 0.2966, 0.3174



96.4734, 0.3081, 0.3258



67.5563, 0.3050, 0.3441



20.4509, 0.3069, 0.3249



0.0000, 0.0000, 0.0000



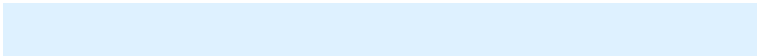
21.4041, 0.3127, 0.3290

Same Dimension

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



63.1334, 0.2966, 0.3174



85.3898, 0.2924, 0.3142



57.6831, 0.2964, 0.3039



13.8321, 0.2982, 0.3186



11.7656, 0.1836, 0.1807



0.9325, 0.1909, 0.2072

Inverse Universe

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



59.8105, 0.3213, 0.3144



79.7489, 0.3238, 0.3106



69.6249, 0.3284, 0.3529



13.1742, 0.3204, 0.3159



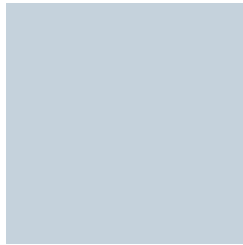
9.8115, 0.4676, 0.2350



0.6528, 0.4372, 0.2182

Previews

White Background



This preview shows how the Yxy color 63.1308, 0.2966, 0.3174 looks on a white background.

Color Contrast Check

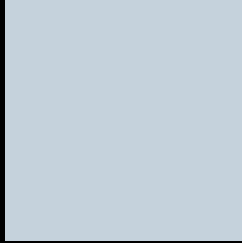
Large Text (above 18pt) WCAG AA × Fail

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 63.1308, 0.2966, 0.3174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

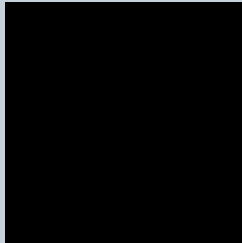
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

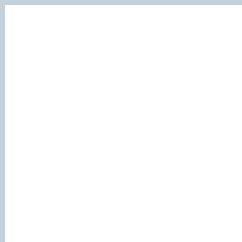
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.1308, 0.2966, 0.3174

Background



This preview shows how black text looks on a background with the Yxy color 63.1308, 0.2966, 0.3174.

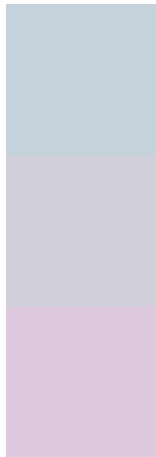


This preview shows how white text looks on a background with the Yxy color 63.1308, 0.2966, 0.3174.

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

63.1308, 0.2966, 0.3174

Protanopia

63.2429, 0.3066, 0.3165

Deuteranopia

63.0446, 0.3137, 0.3070



Tritanopia

63.0977, 0.2934, 0.3095

Trichromacy



Original Color

63.1308, 0.2966, 0.3174

Protanomaly

63.2054, 0.3030, 0.3164

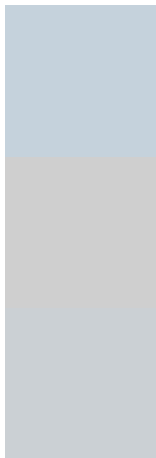
Deuteranomaly

63.0292, 0.3076, 0.3110

Tritanomaly

62.9885, 0.2947, 0.3117

Monochromacy



Original Color

63.1308, 0.2966, 0.3174

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.5617, 0.3062, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.1308, 0.2966, 0.3174 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(197, 210, 220)` looks like.

```
.text, #text, p{  
    color:rgb(197, 210, 220)  
}
```

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(197, 210, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 210, 220) }
```

Border

The CSS property to change the border of an element to Yxy 63.1308, 0.2966, 0.3174 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(197, 210, 220) }
```

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

```
.border{ border-color:rgb(197, 210, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 210, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 210, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 210, 220);  
box-shadow:4px 4px 4px 4px rgb(197, 210,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 63.1308, 0.2966, 0.3174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 210, 220) }
```

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

```
.background{ background-color: rgb(197,  
210, 220) }
```

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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