

Converting Colors

$Yxy(62.7945, 0.2940, 0.3181)$

Have a look what the booklet for
Yxy(62.7945, 0.2940, 0.3181)
contains.

Yxy(62.5980, 0.2938, 0.3173)	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(62.5980, 0.2938, 0.3173)

Conversions

Conversions Part 1

Format	Color
Hex	C1D2DC
RGB	193, 210, 220
RGB Percent	76%, 82%, 86%
CMY	0.2430, 0.1765, 0.1373
CMYK	0.12, 0.05, 0.00, 0.14
HSL	202°, 28%, 81%
HSV	202°, 12%, 86%
XYZ	57.9618, 62.5980, 76.7235
YIQ	206.0570, -13.3420, -0.4940

Conversions

Conversions Part 2

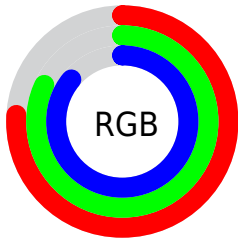
Format	Color
RYB	193, 203, 220
Decimal	12702428
CIELab	83.23, -3.71, -6.89
CIELCh	83, 7.822, 241.671
Yxy	62.5980, 0.2938, 0.3173
Android (android.graphics.Color)	4290892508 (0xFFC1D2DC)
YUV	206.0570, 6.8739, -11.4510
Hunter-Lab	79.1189, -7.6905, -2.1117

Details

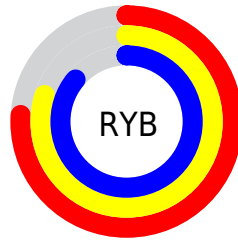
The Yxy color **62.5980, 0.2938, 0.3173** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.7866, 0.3333, 0.3404**, and the grayscale version is **61.7259, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0640, 0.3096, 0.3290**, and **31.9825, 0.2888, 0.3150** is the 20% darker color. If you saturate the color by 10%, you get **55.9976, 0.2782, 0.3066**, and if you desaturate by 10%, it is **69.8387, 0.3093, 0.3270**.

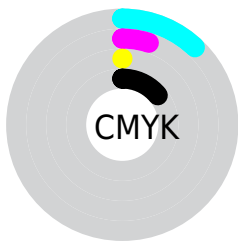
Distribution



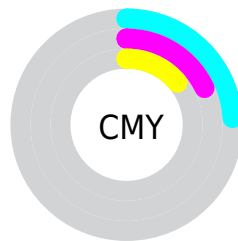
- Red (76%)
- Green (82%)
- Blue (86%)



- Red (76%)
- Yellow (80%)
- Blue (86%)



- Cyan (12%)
- Magenta (5%)
- Yellow (0%)
- Black (14%)



- Cyan (24%)
- Magenta (18%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.5980, 0.2938, 0.3173 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 62.5980, 0.2938, 0.3173 by changing the saturation by 10% instead.

■ 62.5980, 0.2938,
0.3173

■ 62.5980, 0.2938,
0.3173

434.1091, 0.3028,
0.3229

■ 45.5161, 0.2917,
0.3160

■ 108.5893, 0.2969,
0.3193

■ 31.8641, 0.2891,
0.3143

138.2675, 0.2982,
0.3200

■ 21.2577, 0.2857,
0.3121

172.9133, 0.2992,
0.3207

■ 13.3125, 0.2813,
0.3092

212.9110, 0.3001,
0.3213

■ 7.6441, 0.2751,
0.3051

258.6450, 0.3009,
0.3218

■ 3.8681, 0.2658,
0.2989

310.4998, 0.3016,

■ 1.6000, 0.2506,

0.3222

0.2884

368.8597, 0.3022,
0.3226

■ 0.3576, 0.1687,
0.2420

■ 0.0000, 0.0000,
0.0000

■ 62.5980, 0.2938,
0.3173

■ 62.5980, 0.2938,
0.3173

■ 55.9976, 0.2782,
0.3066

■ 69.8387, 0.3093,
0.3270

■ 50.0077, 0.2627,
0.2949

■ 77.7326, 0.3244,
0.3356

■ 44.6075, 0.2477,
0.2823

■ 85.5290, 0.3361,
0.3434

■ 39.7719, 0.2336,
0.2690

■ 90.2896, 0.3350,
0.3514

■ 35.4732, 0.2208,
0.2550

■ 95.2667, 0.3339,
0.3591

■ 31.6812, 0.2097,
0.2407

■ 97.9463, 0.3334,
0.3631

■ 28.3611, 0.2005,
0.2263

■ 25.4719, 0.1935,
0.2121

■ 23.4780, 0.1893,
0.2013

Harmonies

Analogous

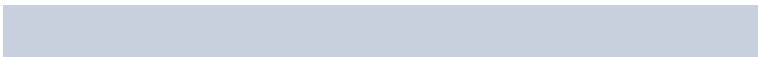
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



62.5980, 0.2948, 0.3251



62.5980, 0.2938, 0.3173



62.5980, 0.2978, 0.3128

Triad

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



62.5980, 0.2938, 0.3173



62.5980, 0.3250, 0.3238



62.5980, 0.3195, 0.3460

Complementary

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



62.5980, 0.2938, 0.3173



61.7866, 0.3333, 0.3404

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.



62.5980, 0.3278, 0.3454



62.5980, 0.2938, 0.3173



62.5980, 0.3310, 0.3325

Square

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



62.5980, 0.2938, 0.3173



62.5980, 0.3157, 0.3166



62.5980, 0.3320, 0.3404



62.5980, 0.3095, 0.3419

Rectangle

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



62.5980, 0.2938, 0.3173



62.5980, 0.3028, 0.3122



62.5980, 0.3320, 0.3404



62.5980, 0.3226, 0.3464

Sweetspot

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



62.6006, 0.2938, 0.3173



95.7287, 0.3065, 0.3253



66.8266, 0.3048, 0.3490



20.3215, 0.3054, 0.3246



0.0000, 0.0000, 0.0000



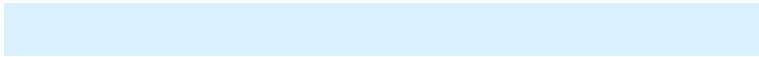
21.4041, 0.3127, 0.3290

Same Dimension

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



62.6006, 0.2938, 0.3173



84.7415, 0.2893, 0.3143



56.2736, 0.2935, 0.3013



13.9763, 0.2982, 0.3201



14.0015, 0.1899, 0.2035



1.0699, 0.1962, 0.2262

Inverse Universe

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



58.0224, 0.3216, 0.3099



77.0974, 0.3240, 0.3052



68.3756, 0.3314, 0.3552



13.1887, 0.3194, 0.3144



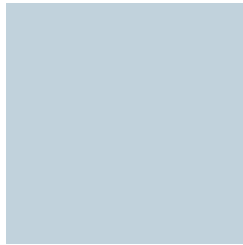
10.0372, 0.4414, 0.2205



0.6667, 0.4166, 0.2069

Previews

White Background



This preview shows how the Yxy color 62.5980, 0.2938, 0.3173 looks on a white background.

Color Contrast Check

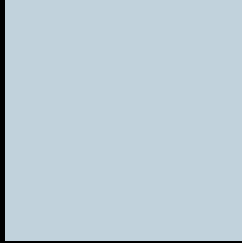
Large Text (above 18pt) WCAG AA × Fail

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 62.5980, 0.2938, 0.3173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

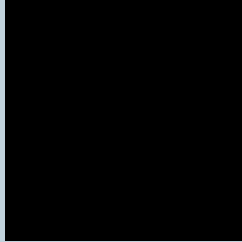
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

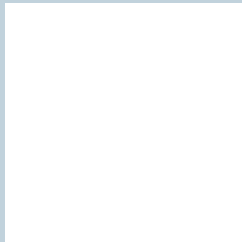
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.5980, 0.2938, 0.3173

Background



This preview shows how black text looks on a background with the Yxy color 62.5980, 0.2938, 0.3173.



This preview shows how white text looks on a background with the Yxy color 62.5980, 0.2938, 0.3173.

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

62.5980, 0.2938, 0.3173

Protanopia

62.5623, 0.3066, 0.3165

Deuteranopia

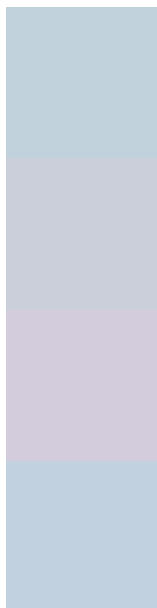
62.2629, 0.3123, 0.3058



Tritanopia

62.5612, 0.2906, 0.3093

Trichromacy



Original Color

62.5980, 0.2938, 0.3173

Protanomaly

62.3841, 0.3022, 0.3163

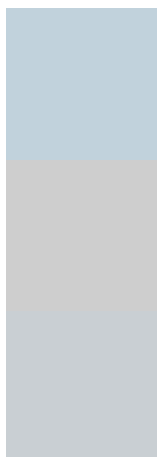
Deuteranomaly

62.1078, 0.3054, 0.3098

Tritanomaly

62.4521, 0.2919, 0.3116

Monochromacy



Original Color

62.5980, 0.2938, 0.3173

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.7463, 0.3055, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.5980, 0.2938, 0.3173 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(193, 210, 220)` looks like.

```
.text, #text, p{  
    color:rgb(193, 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(193, 210, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 210, 220) }
```

Border

The CSS property to change the border of an element to Yxy 62.5980, 0.2938, 0.3173 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(193, 210, 220) }
```

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

```
.border{ border-color:rgb(193, 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(193, 210, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 210, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 210, 220);  
box-shadow:4px 4px 4px 4px rgb(193, 210,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 62.5980, 0.2938, 0.3173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 210, 220) }
```

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

```
.background{ background-color: rgb(193,  
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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