

Converting Colors

Yxy(62.1668, 0.2988, 0.3095)

Have a look what the booklet for
Yxy(62.1668, 0.2988, 0.3095)
contains.

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Color

Yxy(62.1668, 0.2988, 0.3095)

Conversions

Conversions Part 1

Format	Color
Hex	CBCEDF
RGB	203, 206, 223
RGB Percent	80%, 81%, 87%
CMY	0.2040, 0.1921, 0.1253
CMYK	0.09, 0.08, 0.00, 0.13
HSL	231°, 24%, 84%
HSV	231°, 9%, 87%
XYZ	60.0176, 62.1668, 78.6777
YIQ	207.0410, -7.2450, 4.6510

Conversions

Conversions Part 2

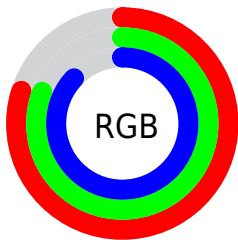
Format	Color
R _Y B	203, 206, 223
Decimal	13356767
CIE Lab	83.00, 2.23, -8.78
CIE LCh	83, 9.056, 284.236
Yxy	62.1668, 0.2988, 0.3095
Android (android.graphics.Color)	4291546847 (0xFFCBCEDF)
YUV	207.0410, 7.8678, -3.5440
Hunter-Lab	78.8459, -2.1060, -3.9713

Details

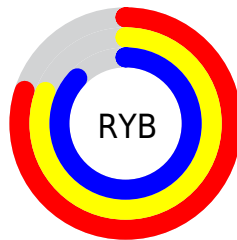
The Yxy color **62.1668, 0.2988, 0.3095** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.1948, 0.3264, 0.3478**, and the grayscale version is **62.3767, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.6732, 0.2954, 0.3048** is the 20% darker color. If you saturate the color by 10%, you get **50.6880, 0.2818, 0.2851**, and if you desaturate by 10%, it is **75.1990, 0.3142, 0.3310**.

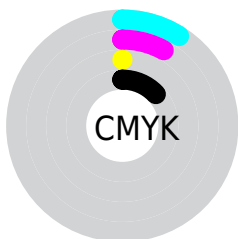
Distribution



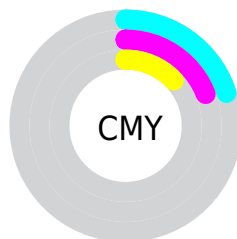
- Red (80%)
- Green (81%)
- Blue (87%)



- Red (80%)
- Yellow (81%)
- Blue (87%)



- Cyan (9%)
- Magenta (8%)
- Yellow (0%)
- Black (13%)



- Cyan (20%)
- Magenta (19%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.1668, 0.2988, 0.3095 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 62.1668, 0.2988, 0.3095 by changing the saturation by 10% instead.

■ 62.1668, 0.2988,
0.3095

■ 62.1668, 0.2988,
0.3095

432.5393, 0.3054,
0.3187

■ 45.1675, 0.2972,
0.3073

107.9666, 0.3011,
0.3127

■ 31.5894, 0.2953,
0.3047

137.5358, 0.3020,
0.3140

■ 21.0481, 0.2928,
0.3012

172.0638, 0.3028,
0.3151

■ 13.1591, 0.2894,
0.2966

211.9350, 0.3035,
0.3160

■ 7.5382, 0.2847,
0.2902

257.5338, 0.3041,
0.3168

■ 3.8009, 0.2776,
0.2807

309.2444, 0.3046,

■ 1.5628, 0.2658,

0.3175

0.2652

367.4515, 0.3050,
0.3182

0.3323, 0.2206,
0.1980

0.0000, 0.0000,
0.0000

62.1668, 0.2988,
0.3095

62.1668, 0.2988,
0.3095

50.6880, 0.2818,
0.2851

75.1990, 0.3142,
0.3310

40.6968, 0.2633,
0.2580

89.8315, 0.3279,
0.3498

32.1340, 0.2437,
0.2285

98.1100, 0.3315,
0.3601

24.9339, 0.2236,
0.1973

■ 19.0252, 0.2041,
0.1658

■ 14.3301, 0.1862,
0.1358

■ 10.7621, 0.1713,
0.1090

■ 8.2230, 0.1604,
0.0876

■ 6.5848, 0.1537,
0.0724

Harmonies

Analogous

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



62.1668, 0.2921, 0.3127



62.1668, 0.2988, 0.3095



62.1668, 0.3093, 0.3114

Triad

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



62.1668, 0.2988, 0.3095



62.1668, 0.3352, 0.3371



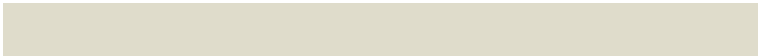
62.1668, 0.3043, 0.3406

Complementary

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



62.1668, 0.2988, 0.3095



71.1948, 0.3264, 0.3478

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.



62.1668, 0.3158, 0.3474



62.1668, 0.2988, 0.3095



62.1668, 0.3337, 0.3451

Square

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



62.1668, 0.2988, 0.3095



62.1668, 0.3305, 0.3271



62.1668, 0.3266, 0.3490



62.1668, 0.2952, 0.3306

Rectangle

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



62.1668, 0.2988, 0.3095



62.1668, 0.3172, 0.3153



62.1668, 0.3266, 0.3490



62.1668, 0.3080, 0.3434

Sweetspot

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



62.1694, 0.2988, 0.3095



94.5052, 0.3082, 0.3227



70.6422, 0.3010, 0.3327



19.9208, 0.3070, 0.3210



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.



62.1694, 0.2988, 0.3095



80.8035, 0.2954, 0.3047



61.6806, 0.3037, 0.3063



13.5764, 0.2981, 0.3085



3.8993, 0.1536, 0.0729



0.3763, 0.1603, 0.0969

Inverse Universe

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



62.8500, 0.3261, 0.3257



81.9513, 0.3296, 0.3248



71.7615, 0.3212, 0.3514



13.7342, 0.3268, 0.3255



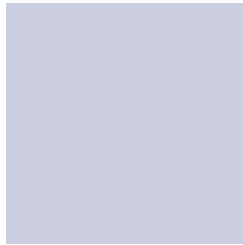
9.3017, 0.6185, 0.3181



0.6554, 0.5806, 0.2972

Previews

White Background



This preview shows how the Yxy color 62.1668, 0.2988, 0.3095 looks on a white background.

Color Contrast Check

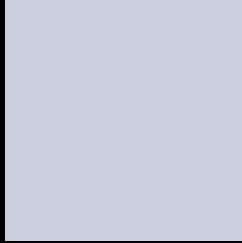
Large Text (above 18pt) WCAG AA × Fail

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 62.1668, 0.2988, 0.3095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

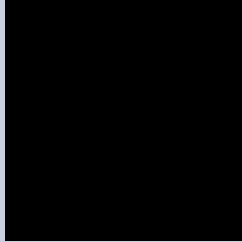
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.1668, 0.2988, 0.3095

Background



This preview shows how black text looks on a background with the Yxy color 62.1668, 0.2988, 0.3095.

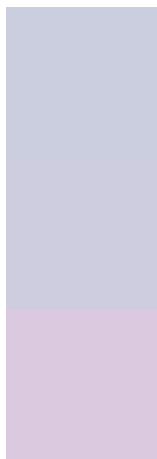


This preview shows how white text looks on a background with the Yxy color 62.1668, 0.2988, 0.3095.

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

62.1668, 0.2988, 0.3095

Protanopia

62.1122, 0.3010, 0.3085

Deuteranopia

62.2152, 0.3101, 0.3036



Tritanopia

62.1130, 0.2995, 0.3107

Trichromacy



Original Color

62.1668, 0.2988, 0.3095

Protanomaly

61.9695, 0.3003, 0.3085

Deuteranomaly

62.2398, 0.3055, 0.3055

Tritanomaly

62.1130, 0.2995, 0.3107

Monochromacy



Original Color

62.1668, 0.2988, 0.3095

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.5516, 0.3078, 0.3221

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1668, 0.2988, 0.3095 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(203, 206, 223)` looks like.

```
.text, #text, p{  
    color:rgb(203, 206, 223)  
}
```

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(203, 206, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 206, 223) }
```

Border

The CSS property to change the border of an element to Yxy 62.1668, 0.2988, 0.3095 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(203, 206, 223) }
```

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

```
.border{ border-color:rgb(203, 206, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 206, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 206, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 206, 223);  
box-shadow:4px 4px 4px 4px rgb(203, 206,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1668, 0.2988, 0.3095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 206, 223) }
```

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

```
.background{ background-color: rgb(203,  
206, 223) }
```

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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