

Converting Colors

Yxy(62.5372, 0.3000, 0.3089)

Have a look what the booklet for
Yxy(62.5372, 0.3000, 0.3089)
contains.

Yxy(62.5036, 0.2996, 0.3085)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(62.5036, 0.2996, 0.3085)

Conversions

Conversions Part 1

Format	Color
Hex	CDCEE0
RGB	205, 206, 224
RGB Percent	80%, 81%, 88%
CMY	0.1962, 0.1921, 0.1215
CMYK	0.09, 0.08, 0.00, 0.12
HSL	237°, 24%, 84%
HSV	237°, 9%, 88%
XYZ	60.7004, 62.5036, 79.4008
YIQ	207.7530, -6.3740, 5.3860

Conversions

Conversions Part 2

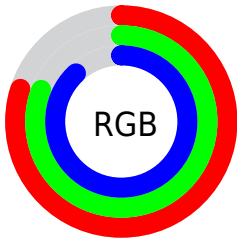
Format	Color
R _Y B	205, 206, 224
Decimal	13487840
CIE Lab	83.18, 3.08, -9.02
CIE LCh	83, 9.529, 288.848
Yxy	62.5036, 0.2996, 0.3085
Android (android.graphics.Color)	4291677920 (0xFFCDCEE0)
YUV	207.7530, 8.0098, -2.4144
Hunter-Lab	79.0592, -1.3042, -4.2047

Details

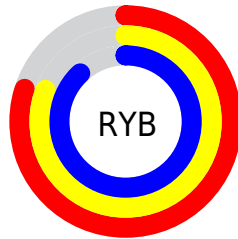
The Yxy color $62.5036, 0.2996, 0.3085$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $73.0290, 0.3254, 0.3487$, and the grayscale version is $62.8589, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $31.9004, 0.2964, 0.3035$ is the 20% darker color. If you saturate the color by 10%, you get $50.0203, 0.2824, 0.2814$, and if you desaturate by 10%, it is $76.8239, 0.3149, 0.3324$.

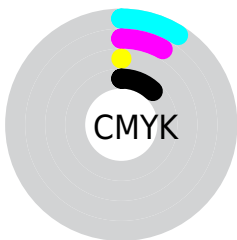
Distribution



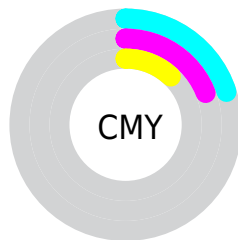
- Red (80%)
- Green (81%)
- Blue (88%)



- Red (80%)
- Yellow (81%)
- Blue (88%)



- Cyan (9%)
- Magenta (8%)
- Yellow (0%)
- Black (12%)



- Cyan (20%)
- Magenta (19%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.5036, 0.2996, 0.3085 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 62.5036, 0.2996, 0.3085 by changing the saturation by 10% instead.

■ 62.5036, 0.2996,
0.3085

■ 62.5036, 0.2996,
0.3085

433.7657, 0.3059,
0.3182

■ 45.4397, 0.2981,
0.3062

108.4530, 0.3018,
0.3119

■ 31.8039, 0.2963,
0.3034

138.1074, 0.3027,
0.3132

■ 21.2118, 0.2939,
0.2998

172.7274, 0.3034,
0.3143

■ 13.2789, 0.2907,
0.2951

212.6975, 0.3040,
0.3153

■ 7.6209, 0.2863,
0.2884

258.4019, 0.3046,
0.3162

■ 3.8533, 0.2796,
0.2786

310.2252, 0.3050,

■ 1.5919, 0.2684,

0.3169

0.2626

368.5516, 0.3055,
0.3176

0.3521, 0.2307,
0.1982

0.0000, 0.0000,
0.0000

62.5036, 0.2996,
0.3085

62.5036, 0.2996,
0.3085

50.0203, 0.2824,
0.2814

76.8239, 0.3149,
0.3324

39.2921, 0.2634,
0.2512

93.0429, 0.3283,
0.3531

30.2428, 0.2429,
0.2184

98.1630, 0.3309,
0.3591

22.7872, 0.2218,
0.1842

■ 16.8330, 0.2012,
0.1503

■ 12.2783, 0.1826,
0.1192

■ 9.0084, 0.1675,
0.0932

■ 6.8905, 0.1570,
0.0745

■ 5.7545, 0.1513,
0.0637

Harmonies

Analogous

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



62.5036, 0.2918, 0.3110



62.5036, 0.2996, 0.3085



62.5036, 0.3110, 0.3113

Triad

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



62.5036, 0.2996, 0.3085



62.5036, 0.3365, 0.3389



62.5036, 0.3022, 0.3397

Complementary

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



62.5036, 0.2996, 0.3085



73.0290, 0.3254, 0.3487

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.



62.5036, 0.3140, 0.3476



62.5036, 0.2996, 0.3085



62.5036, 0.3340, 0.3469

Square

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



62.5036, 0.2996, 0.3085



62.5036, 0.3325, 0.3286



62.5036, 0.3257, 0.3502



62.5036, 0.2933, 0.3289

Rectangle

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



62.5036, 0.2996, 0.3085



62.5036, 0.3192, 0.3158



62.5036, 0.3257, 0.3502



62.5036, 0.3059, 0.3428

Sweetspot

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



62.5062, 0.2996, 0.3085



94.0473, 0.3082, 0.3220



71.6138, 0.3004, 0.3304



19.7978, 0.3070, 0.3201



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.



62.5062, 0.2996, 0.3085



81.0442, 0.2970, 0.3045



63.2167, 0.3056, 0.3077



13.3615, 0.2981, 0.3061



3.3391, 0.1510, 0.0635



0.2740, 0.1538, 0.0738

Inverse Universe

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



63.9604, 0.3266, 0.3279



83.3384, 0.3295, 0.3277



72.2939, 0.3194, 0.3502



13.7125, 0.3284, 0.3278



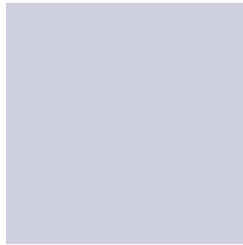
9.2451, 0.6341, 0.3267



0.6451, 0.6170, 0.3173

Previews

White Background



This preview shows how the Yxy color 62.5036, 0.2996, 0.3085 looks on a white background.

Color Contrast Check

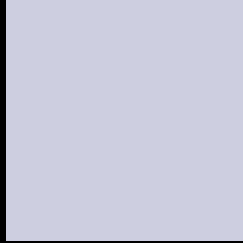
Large Text (above 18pt) WCAG AA × Fail

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 62.5036, 0.2996, 0.3085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

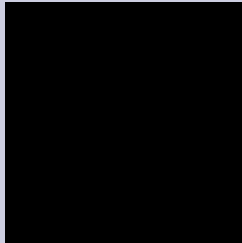
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

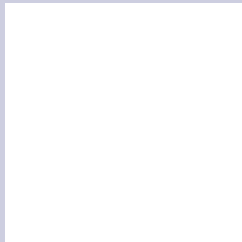
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.5036, 0.2996, 0.3085

Background



This preview shows how black text looks on a background with the Yxy color 62.5036, 0.2996, 0.3085.

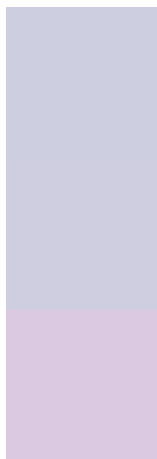


This preview shows how white text looks on a background with the Yxy color 62.5036, 0.2996, 0.3085.

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

62.5036, 0.2996, 0.3085

Protanopia

62.6462, 0.3004, 0.3086

Deuteranopia

62.2696, 0.3094, 0.3025



Tritanopia

62.4495, 0.3003, 0.3096

Trichromacy



Original Color

62.5036, 0.2996, 0.3085

Protanomaly

62.6462, 0.3004, 0.3086

Deuteranomaly

62.4443, 0.3056, 0.3044

Tritanomaly

62.4495, 0.3003, 0.3096

Monochromacy



Original Color

62.5036, 0.2996, 0.3085

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.7461, 0.3079, 0.3210

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.5036, 0.2996, 0.3085 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(205, 206, 224)` looks like.

```
.text, #text, p{  
    color:rgb(205, 206, 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(205, 206, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 206, 224) }
```

Border

The CSS property to change the border of an element to Yxy 62.5036, 0.2996, 0.3085 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(205, 206, 224) }
```

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

```
.border{ border-color:rgb(205, 206, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 206, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 206, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 206, 224);  
box-shadow:4px 4px 4px 4px rgb(205, 206,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 62.5036, 0.2996, 0.3085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 206, 224) }
```

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

```
.background{ background-color: rgb(205,  
206, 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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