

Converting Colors

Yxy(60.1684, 0.2930, 0.2876)

Have a look what the booklet for
Yxy(60.1684, 0.2930, 0.2876)
contains.

Yxy(60.1684, 0.2930, 0.2876)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.1684, 0.2930, 0.2876)

Conversions

Conversions Part 1

Format	Color
Hex	CFC7EC
RGB	207, 199, 236
RGB Percent	81%, 78%, 93%
CMY	0.1882, 0.2196, 0.0745
CMYK	0.12, 0.16, 0.00, 0.07
HSL	253°, 49%, 85%
HSV	253°, 16%, 93%
XYZ	61.2981, 60.1684, 87.7421
YIQ	205.6100, -7.1090, 13.2030

Conversions

Conversions Part 2

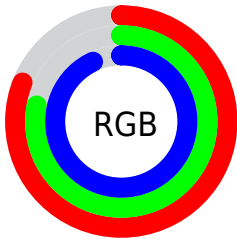
Format	Color
R _Y B	207, 199, 236
Decimal	13617132
CIE Lab	81.93, 9.88, -17.27
CIE LCh	82, 19.896, 299.770
Yxy	60.1684, 0.2930, 0.2876
Android (android.graphics.Color)	4291807212 (0xFFCFC7EC)
YUV	205.6100, 14.9823, 1.2190
Hunter-Lab	77.5683, 5.3146, -12.7686

Details

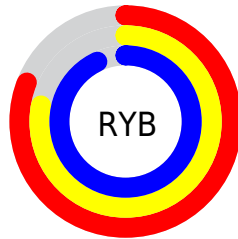
The Yxy color $60.1684, 0.2930, 0.2876$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $80.6100, 0.3306, 0.3686$, and the grayscale version is $61.3676, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $30.2215, 0.2875, 0.2775$ is the 20% darker color. If you saturate the color by 10%, you get $47.6301, 0.2781, 0.2576$, and if you desaturate by 10%, it is $74.7078, 0.3061, 0.3148$.

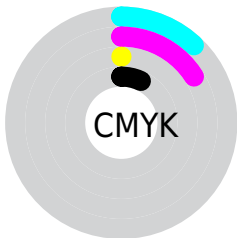
Distribution



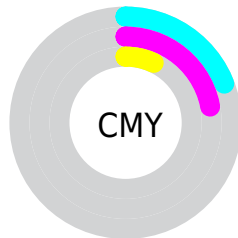
- Red (81%)
- Green (78%)
- Blue (93%)



- Red (81%)
- Yellow (78%)
- Blue (93%)



- Cyan (12%)
- Magenta (16%)
- Yellow (0%)
- Black (7%)



- Cyan (19%)
- Magenta (22%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.1684, 0.2930, 0.2876 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 60.1684, 0.2930, 0.2876 by changing the saturation by 10% instead.

60.1684, 0.2930,
0.2876

60.1684, 0.2930,
0.2876

425.2182, 0.3025,
0.3069

43.5544, 0.2907,
0.2832

105.0739, 0.2964,
0.2943

30.3203, 0.2879,
0.2776

134.1342, 0.2977,
0.2969

20.0819, 0.2842,
0.2706

168.1120, 0.2988,
0.2992

12.4546, 0.2792,
0.2615

207.3918, 0.2997,
0.3011

7.0540, 0.2722,
0.2489

252.3579, 0.3006,
0.3029

3.4959, 0.2616,
0.2308

303.3948, 0.3013,

1.3958, 0.2440,

0.3044

0.2026

360.8867, 0.3020,
0.3057

0.2136, 0.2037,
0.0980

0.0000, 0.0000,
0.0000

60.1684, 0.2930,
0.2876

60.1684, 0.2930,
0.2876

47.6301, 0.2781,
0.2576

74.7078, 0.3061,
0.3148

36.9973, 0.2615,
0.2254

91.3232, 0.3174,
0.3392

28.1777, 0.2434,
0.1919

98.8364, 0.3238,
0.3473

21.0683, 0.2247,
0.1587

■ 15.5557, 0.2062,
0.1278

■ 11.5123, 0.1892,
0.1015

■ 8.7905, 0.1747,
0.0816

■ 7.2099, 0.1638,
0.0692

■ 6.7624, 0.1602,
0.0656

Harmonies

Analogous

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



60.1684, 0.2737, 0.2881



60.1684, 0.2930, 0.2876



60.1684, 0.3183, 0.2971

Triad

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



60.1684, 0.2930, 0.2876



60.1684, 0.3631, 0.3560



60.1684, 0.2826, 0.3437

Complementary

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



60.1684, 0.2930, 0.2876



80.6100, 0.3306, 0.3686

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.



60.1684, 0.3056, 0.3643



60.1684, 0.2930, 0.2876



60.1684, 0.3524, 0.3706

Square

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



60.1684, 0.2930, 0.2876



60.1684, 0.3596, 0.3355



60.1684, 0.3312, 0.3741



60.1684, 0.2679, 0.3195

Rectangle

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



60.1684, 0.2930, 0.2876



60.1684, 0.3353, 0.3079



60.1684, 0.3312, 0.3741



60.1684, 0.2896, 0.3514

Sweetspot

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



60.1709, 0.2930, 0.2876



90.2874, 0.3069, 0.3165



74.0183, 0.2886, 0.3208



19.0439, 0.3060, 0.3147



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.



60.1709, 0.2930, 0.2876



66.3854, 0.2881, 0.2777



62.8959, 0.3062, 0.2892



14.7061, 0.3013, 0.3049



3.7733, 0.1614, 0.0663



0.3374, 0.1743, 0.0734

Inverse Universe

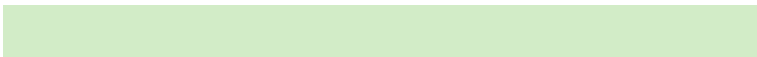
The Inverse Universe completely reimagines the original color for something new.



64.2823, 0.3203, 0.2983



72.2307, 0.3222, 0.2915



77.8336, 0.3182, 0.3701



15.2547, 0.3171, 0.3107



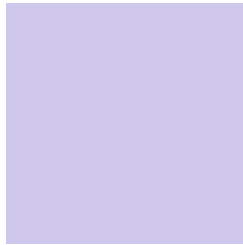
11.7786, 0.3845, 0.1892



0.9387, 0.3739, 0.1833

Previews

White Background



This preview shows how the Yxy color 60.1684, 0.2930, 0.2876 looks on a white background.

Color Contrast Check

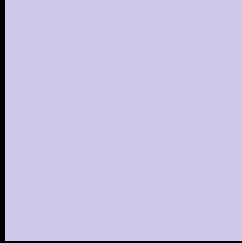
Large Text (above 18pt) WCAG AA × Fail

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 60.1684, 0.2930, 0.2876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

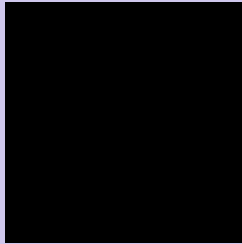
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.1684, 0.2930, 0.2876

Background



This preview shows how black text looks on a background with the Yxy color 60.1684, 0.2930, 0.2876.



This preview shows how white text looks on a background with the Yxy color 60.1684, 0.2930, 0.2876.

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

60.1684, 0.2930, 0.2876

Protanopia

60.2844, 0.2847, 0.2881

Deuteranopia

60.3129, 0.2937, 0.2877



Tritanopia

60.1404, 0.3030, 0.3105

Trichromacy



Original Color

60.1684, 0.2930, 0.2876

Protanomaly

60.3052, 0.2881, 0.2883

Deuteranomaly

60.3129, 0.2937, 0.2877

Tritanomaly

60.1887, 0.2989, 0.3016

Monochromacy



Original Color

60.1684, 0.2930, 0.2876

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

60.8434, 0.3052, 0.3129

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.1684, 0.2930, 0.2876 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(207, 199, 236)` looks like.

```
.text, #text, p{  
    color:rgb(207, 199, 236)  
}
```

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(207, 199, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 199, 236) }
```

Border

The CSS property to change the border of an element to Yxy 60.1684, 0.2930, 0.2876 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(207, 199, 236) }
```

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

```
.border{ border-color:rgb(207, 199, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 199, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 199, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 199, 236);  
box-shadow:4px 4px 4px 4px rgb(207, 199,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 60.1684, 0.2930, 0.2876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 199, 236) }
```

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

```
.background{ background-color: rgb(207,  
199, 236) }
```

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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