

Converting Colors

$Y_{xy}(62.6590, 0.3040, 0.3150)$

Have a look what the booklet for
Yxy(62.6590, 0.3040, 0.3150)
contains.

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Color

Yxy(62.8619, 0.3037, 0.3153)

Conversions

Conversions Part 1

Format	Color
Hex	CECFDB
RGB	206, 207, 219
RGB Percent	81%, 81%, 86%
CMY	0.1922, 0.1882, 0.1412
CMYK	0.06, 0.05, 0.00, 0.14
HSL	235°, 15%, 83%
HSV	235°, 6%, 86%
XYZ	60.5492, 62.8619, 75.9606
YIQ	208.0690, -4.4480, 3.5200

Conversions

Conversions Part 2

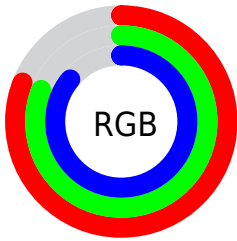
Format	Color
R _Y B	206, 207, 219
Decimal	13553627
CIE Lab	83.37, 1.91, -6.05
CIE LCh	83, 6.346, 287.470
Yxy	62.8619, 0.3037, 0.3153
Android (android.graphics.Color)	4291743707 (0xFFCECFDB)
YUV	208.0690, 5.3890, -1.8145
Hunter-Lab	79.2855, -2.4317, -1.3038

Details

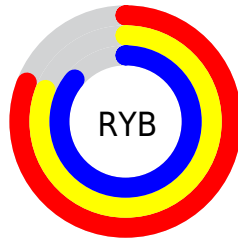
The Yxy color **62.8619, 0.3037, 0.3153** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.6469, 0.3216, 0.3423**, and the grayscale version is **63.0903, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.1382, 0.3018, 0.3124** is the 20% darker color. If you saturate the color by 10%, you get **50.7855, 0.2870, 0.2898**, and if you desaturate by 10%, it is **76.6295, 0.3185, 0.3377**.

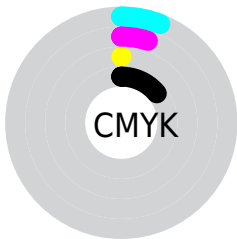
Distribution



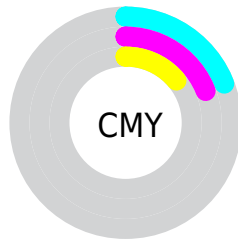
- Red (81%)
- Green (81%)
- Blue (86%)



- Red (81%)
- Yellow (81%)
- Blue (86%)



- Cyan (6%)
- Magenta (5%)
- Yellow (0%)
- Black (14%)



- Cyan (19%)
- Magenta (19%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.8619, 0.3037, 0.3153 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 62.8619, 0.3037, 0.3153 by changing the saturation by 10% instead.

■ 62.8619, 0.3037,
0.3153

■ 62.8619, 0.3037,
0.3153

435.0681, 0.3080,
0.3218

■ 45.7295, 0.3027,
0.3138

108.9703, 0.3052,
0.3176

■ 32.0324, 0.3014,
0.3119

138.7150, 0.3058,
0.3185

■ 21.3863, 0.2998,
0.3095

173.4326, 0.3063,
0.3192

■ 13.4066, 0.2976,
0.3062

213.5076, 0.3067,
0.3199

■ 7.7092, 0.2946,
0.3017

259.3242, 0.3071,
0.3204

■ 3.9094, 0.2899,
0.2950

311.2669, 0.3074,

■ 1.6230, 0.2822,

0.3209

0.2839

369.7201, 0.3077,
0.3214

0.3730, 0.2501,
0.2326

0.0000, 0.0000,
0.0000

62.8619, 0.3037,
0.3153

62.8619, 0.3037,
0.3153

50.7855, 0.2870,
0.2898

76.6295, 0.3185,
0.3377

40.3275, 0.2686,
0.2611

92.1418, 0.3315,
0.3572

31.4214, 0.2487,
0.2298

97.8946, 0.3339,
0.3641

23.9932, 0.2280,
0.1967

■ 17.9626, 0.2074,
0.1632

■ 13.2420, 0.1883,
0.1314

■ 9.7335, 0.1721,
0.1036

■ 7.3256, 0.1602,
0.0820

■ 5.8855, 0.1531,
0.0680

Harmonies

Analogous

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



62.8619, 0.2986, 0.3172



62.8619, 0.3037, 0.3153



62.8619, 0.3113, 0.3170

Triad

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



62.8619, 0.3037, 0.3153



62.8619, 0.3285, 0.3354



62.8619, 0.3061, 0.3364

Complementary

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



62.8619, 0.3037, 0.3153



69.6469, 0.3216, 0.3423

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.



62.8619, 0.3140, 0.3414



62.8619, 0.3037, 0.3153



62.8619, 0.3270, 0.3408

Square

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



62.8619, 0.3037, 0.3153



62.8619, 0.3256, 0.3285



62.8619, 0.3217, 0.3430



62.8619, 0.2999, 0.3293

Rectangle

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



62.8619, 0.3037, 0.3153



62.8619, 0.3167, 0.3199



62.8619, 0.3217, 0.3430



62.8619, 0.3086, 0.3384

Sweetspot

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



62.8646, 0.3037, 0.3153



96.0843, 0.3097, 0.3245



68.8414, 0.3042, 0.3302



20.6070, 0.3099, 0.3247



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.



62.8646, 0.3037, 0.3153



86.7233, 0.3019, 0.3126



63.1592, 0.3077, 0.3143



13.2960, 0.3012, 0.3114



3.3374, 0.1515, 0.0654



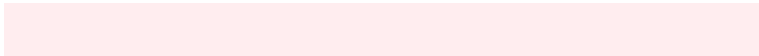
0.2749, 0.1558, 0.0807

Inverse Universe

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



63.7012, 0.3219, 0.3279



88.1210, 0.3238, 0.3277



69.3524, 0.3175, 0.3436



13.5270, 0.3246, 0.3276



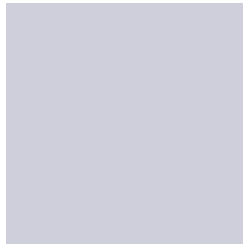
8.9607, 0.6310, 0.3250



0.5864, 0.6058, 0.3111

Previews

White Background



This preview shows how the Yxy color 62.8619, 0.3037, 0.3153 looks on a white background.

Color Contrast Check

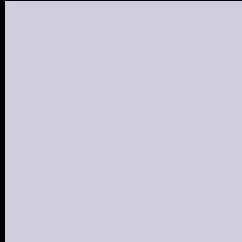
Large Text (above 18pt) WCAG AA × Fail

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 62.8619, 0.3037, 0.3153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

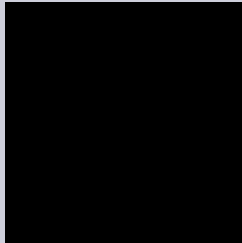
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

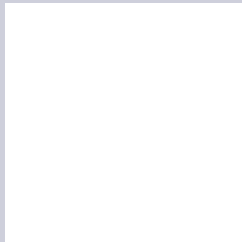
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.8619, 0.3037, 0.3153

Background



This preview shows how black text looks on a background with the Yxy color 62.8619, 0.3037, 0.3153.

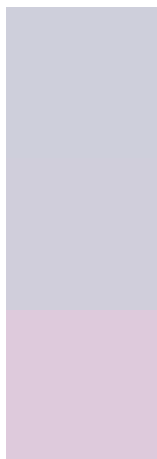


This preview shows how white text looks on a background with the Yxy color 62.8619, 0.3037, 0.3153.

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

62.8619, 0.3037, 0.3153

Protanopia

62.6670, 0.3052, 0.3142

Deuteranopia

62.9380, 0.3152, 0.3092



Tritanopia

62.7357, 0.3018, 0.3097

Trichromacy



Original Color

62.8619, 0.3037, 0.3153

Protanomaly

62.5225, 0.3045, 0.3142

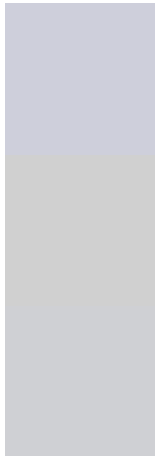
Deuteranomaly

62.9520, 0.3105, 0.3111

Tritanomaly

62.6819, 0.3024, 0.3108

Monochromacy



Original Color

62.8619, 0.3037, 0.3153

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.1306, 0.3092, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.8619, 0.3037, 0.3153 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(206, 207, 219)` looks like.

```
.text, #text, p{  
    color:rgb(206, 207, 219)  
}
```

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(206, 207, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 207, 219) }
```

Border

The CSS property to change the border of an element to Yxy 62.8619, 0.3037, 0.3153 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(206, 207, 219) }
```

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

```
.border{ border-color:rgb(206, 207, 219) }
```

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

Here you see how a box with a 4 pixel rgb(206, 207, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 207, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 207, 219);  
box-shadow:4px 4px 4px 4px rgb(206, 207,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 62.8619, 0.3037, 0.3153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 207, 219) }
```

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

```
.background{ background-color: rgb(206,  
207, 219) }
```

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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