

Converting Colors

$Yxy(63.2074, 0.3153, 0.3049)$

Have a look what the booklet for
Yxy(63.2074, 0.3153, 0.3049)
contains.

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Color

Yxy(63.1086, 0.3154, 0.3050)

Conversions

Conversions Part 1

Format	Color
Hex	E1C9DF
RGB	225, 201, 223
RGB Percent	88%, 79%, 87%
CMY	0.1176, 0.2118, 0.1255
CMYK	0.00, 0.11, 0.01, 0.12
HSL	305°, 29%, 84%
HSV	305°, 11%, 88%
XYZ	65.2605, 63.1086, 78.5443
YIQ	210.6840, 7.2420, 11.9300

Conversions

Conversions Part 2

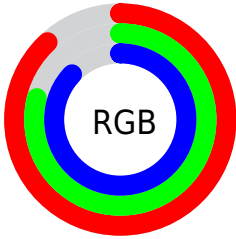
Format	Color
RYB	225, 201, 223
Decimal	14797279
CIELab	83.50, 12.23, -7.82
CIELCh	83, 14.513, 327.402
Yxy	63.1086, 0.3154, 0.3050
Android (android.graphics.Color)	4292987359 (0xFFE1C9DF)
YUV	210.6840, 6.0718, 12.5551
Hunter-Lab	79.4409, 7.6156, -3.0122

Details

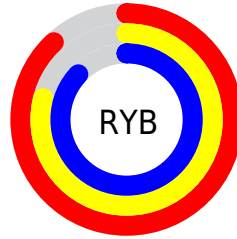
The Yxy color **63.1086, 0.3154, 0.3050** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.5929, 0.3101, 0.3542**, and the grayscale version is **64.8804, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.2406, 0.3162, 0.2991** is the 20% darker color. If you saturate the color by 10%, you get **53.2752, 0.3182, 0.2819**, and if you desaturate by 10%, it is **74.4854, 0.3129, 0.3275**.

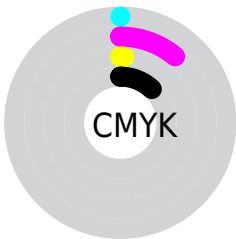
Distribution



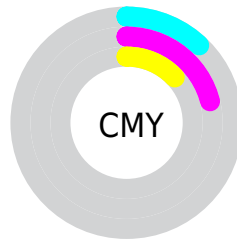
- Red (88%)
- Green (79%)
- Blue (87%)



- Red (88%)
- Yellow (79%)
- Blue (87%)



- Cyan (0%)
- Magenta (11%)
- Yellow (1%)
- Black (12%)




- Cyan (12%)
- Magenta (21%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.1086, 0.3154, 0.3050 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 63.1086, 0.3154, 0.3050 by changing the saturation by 10% instead.


 63.1086, 0.3154,
0.3050

 63.1086, 0.3154,
0.3050

435.9635, 0.3142,
0.3162

 45.9291, 0.3157,
0.3024


109.3262, 0.3150,
0.3089

 32.1899, 0.3160,
0.2992


139.1330, 0.3148,
0.3104

 21.5066, 0.3163,
0.2952


173.9177, 0.3147,
0.3117

 13.4948, 0.3168,
0.2898

214.0647, 0.3146,
0.3128

 7.7701, 0.3174,
0.2825

259.9584, 0.3145,
0.3138

 3.9482, 0.3181,
0.2718

311.9832, 0.3144,

 1.6446, 0.3190,

0.3147

0.2548

370.5234, 0.3143,
0.3155

0.3874, 0.3296,
0.1915

0.0000, 0.0000,
0.0000

63.1086, 0.3154,
0.3050

63.1086, 0.3154,
0.3050

53.2752, 0.3182,
0.2819

74.4854, 0.3129,
0.3275

44.9104, 0.3213,
0.2588

87.4600, 0.3106,
0.3490

37.9456, 0.3246,
0.2365

93.1715, 0.3092,
0.3560

32.3033, 0.3280,
0.2160

93.2783, 0.3081,
0.3540

■ 27.8988, 0.3315,
0.1982

■ 93.3863, 0.3070,
0.3520

■ 24.6372, 0.3349,
0.1841

■ 93.4954, 0.3060,
0.3500

■ 22.4102, 0.3382,
0.1741

■ 93.6058, 0.3049,
0.3480

■ 21.0885, 0.3412,
0.1686

■ 93.7173, 0.3038,
0.3461

■ 20.4660, 0.3437,
0.1667

■ 93.8300, 0.3028,
0.3441

Harmonies

Analogous

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



63.1086, 0.2973, 0.2986



63.1086, 0.3154, 0.3050



63.1086, 0.3332, 0.3173

Triad

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



63.1086, 0.3154, 0.3050



63.1086, 0.3422, 0.3584



63.1086, 0.2808, 0.3238

Complementary

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



63.1086, 0.3154, 0.3050



70.5929, 0.3101, 0.3542

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.



63.1086, 0.2922, 0.3409



63.1086, 0.3154, 0.3050



63.1086, 0.3276, 0.3612

Square

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



63.1086, 0.3154, 0.3050



63.1086, 0.3489, 0.3478



63.1086, 0.3092, 0.3548



63.1086, 0.2778, 0.3088

Rectangle

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



63.1086, 0.3154, 0.3050



63.1086, 0.3424, 0.3275



63.1086, 0.3092, 0.3548



63.1086, 0.2838, 0.3295

Sweetspot

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



63.1113, 0.3154, 0.3050



95.1742, 0.3134, 0.3223



59.9074, 0.2975, 0.3015



20.1021, 0.3136, 0.3205



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.



63.1113, 0.3154, 0.3050



80.4635, 0.3161, 0.2995



62.4879, 0.3241, 0.3180



13.9146, 0.3151, 0.3078



11.7995, 0.3433, 0.1665



0.8239, 0.3395, 0.1644

Inverse Universe

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



63.1113, 0.3154, 0.3050



80.4635, 0.3161, 0.2995



71.1865, 0.3025, 0.3403



13.9146, 0.3151, 0.3078



11.7995, 0.3433, 0.1665



0.8239, 0.3395, 0.1644

Previews

White Background



This preview shows how the Yxy color 63.1086, 0.3154, 0.3050 looks on a white background.

Color Contrast Check

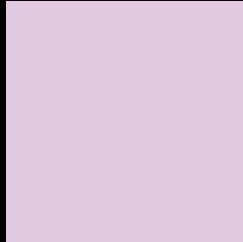
Large Text (above 18pt) WCAG AA × Fail

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 63.1086, 0.3154, 0.3050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

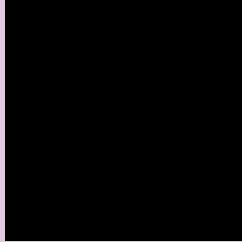
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.1086, 0.3154, 0.3050

Background



This preview shows how black text looks on a background with the Yxy color 63.1086, 0.3154, 0.3050.



This preview shows how white text looks on a background with the Yxy color 63.1086, 0.3154, 0.3050.

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

63.1086, 0.3154, 0.3050

Protanopia

63.4371, 0.2991, 0.3065

Deuteranopia

63.0984, 0.3130, 0.3059



Tritanopia

63.1503, 0.3181, 0.3114

Trichromacy



Original Color

63.1086, 0.3154, 0.3050

Protanomaly

63.4498, 0.3049, 0.3056

Deuteranomaly

63.2567, 0.3138, 0.3060

Tritanomaly

63.2557, 0.3167, 0.3093

Monochromacy



Original Color

63.1086, 0.3154, 0.3050

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.1309, 0.3139, 0.3200

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.1086, 0.3154, 0.3050 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(225, 201, 223)` looks like.

```
.text, #text, p{  
    color:rgb(225, 201, 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(225, 201, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 201, 223) }
```

Border

The CSS property to change the border of an element to Yxy 63.1086, 0.3154, 0.3050 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(225, 201, 223) }
```

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

```
.border{ border-color:rgb(225, 201, 223) }
```

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

Here you see how a box with a 4 pixel rgb(225, 201, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 201, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 201, 223);  
box-shadow:4px 4px 4px 4px rgb(225, 201,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 63.1086, 0.3154, 0.3050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 201, 223) }
```

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

```
.background{ background-color: rgb(225,  
201, 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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