

Converting Colors

$Y_{xy}(65.1572, 0.3070, 0.2927)$

Have a look what the booklet for
Yxy(65.1572, 0.3070, 0.2927)
contains.

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Color

Yxy(65.1572, 0.3070, 0.2927)

Conversions

Conversions Part 1

Format	Color
Hex	E3CBED
RGB	227, 203, 237
RGB Percent	89%, 80%, 93%
CMY	0.1095, 0.2040, 0.0705
CMYK	0.04, 0.14, 0.00, 0.07
HSL	282°, 49%, 86%
HSV	282°, 14%, 93%
XYZ	68.3405, 65.1572, 89.1098
YIQ	214.0520, 3.3900, 15.6620

Conversions

Conversions Part 2

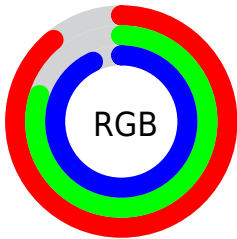
Format	Color
R _Y B	227, 203, 237
Decimal	14928877
CIE Lab	84.56, 14.47, -13.69
CIE LCh	85, 19.918, 316.586
Yxy	65.1572, 0.3070, 0.2927
Android (android.graphics.Color)	4293118957 (0xFFE3CBED)
YUV	214.0520, 11.3134, 11.3554
Hunter-Lab	80.7200, 9.8646, -8.9484

Details

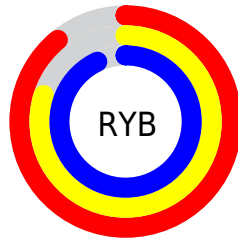
The Yxy color $65.1572, 0.3070, 0.2927$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $79.0247, 0.3176, 0.3665$, and the grayscale version is $67.2102, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $33.4890, 0.3050, 0.2846$ is the 20% darker color. If you saturate the color by 10%, you get $53.7059, 0.3021, 0.2658$, and if you desaturate by 10%, it is $78.3706, 0.3111, 0.3183$.

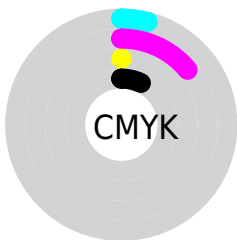
Distribution



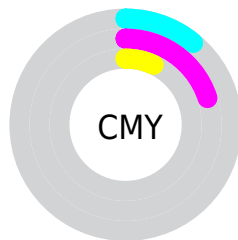
- Red (89%)
- Green (80%)
- Blue (93%)



- Red (89%)
- Yellow (80%)
- Blue (93%)



- Cyan (4%)
- Magenta (14%)
- Yellow (0%)
- Black (7%)





- Cyan (11%)
- Magenta (20%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.1572, 0.3070, 0.2927 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 65.1572, 0.3070, 0.2927 by changing the saturation by 10% instead.


 65.1572, 0.3070,
0.2927

 65.1572, 0.3070,
0.2927


443.3567, 0.3099,
0.3094

 47.5886, 0.3063,
0.2889


112.2758, 0.3080,
0.2985

 33.5012, 0.3054,
0.2843


142.5946, 0.3084,
0.3007

 22.5107, 0.3042,
0.2784


177.9322, 0.3088,
0.3026

 14.2326, 0.3026,
0.2708

218.6731, 0.3090,
0.3043

 8.2826, 0.3002,
0.2605

265.2015, 0.3093,
0.3058

 4.2763, 0.2966,
0.2458

317.9020, 0.3095,

 1.8293, 0.2903,

0.3071

0.2234

377.1589, 0.3097,
0.3083

0.5053, 0.2821,
0.1710

0.0000, 0.0000,
0.0000

65.1572, 0.3070,
0.2927

65.1572, 0.3070,
0.2927

53.7059, 0.3021,
0.2658

78.3706, 0.3111,
0.3183

43.9304, 0.2964,
0.2384

93.4108, 0.3146,
0.3423

35.7494, 0.2899,
0.2112

97.5636, 0.3187,
0.3466

29.0717, 0.2827,
0.1854

98.8514, 0.3231,
0.3463

■ 23.7963, 0.2750,
0.1622

■ 98.8956, 0.3232,
0.3463

■ 19.8101, 0.2670,
0.1426

■ 16.9813, 0.2590,
0.1276

■ 15.1494, 0.2513,
0.1175

■ 14.4182, 0.2470,
0.1135

Harmonies

Analogous

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



65.1572, 0.2842, 0.2875



65.1572, 0.3070, 0.2927



65.1572, 0.3322, 0.3066

Triad

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



65.1572, 0.3070, 0.2927



65.1572, 0.3575, 0.3644



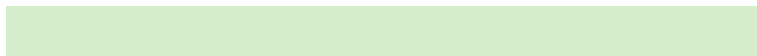
65.1572, 0.2741, 0.3301

Complementary

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



65.1572, 0.3070, 0.2927



79.0247, 0.3176, 0.3665

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.



65.1572, 0.2925, 0.3530



65.1572, 0.3070, 0.2927



65.1572, 0.3408, 0.3730

Square

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



65.1572, 0.3070, 0.2927



65.1572, 0.3621, 0.3470



65.1572, 0.3169, 0.3691



65.1572, 0.2658, 0.3079

Rectangle

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



65.1572, 0.3070, 0.2927



65.1572, 0.3468, 0.3192



65.1572, 0.3169, 0.3691



65.1572, 0.2792, 0.3380

Sweetspot

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



65.1600, 0.3070, 0.2927



93.1032, 0.3113, 0.3192



66.4928, 0.2900, 0.3024



19.6587, 0.3110, 0.3173



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.



65.1600, 0.3070, 0.2927



73.0695, 0.3057, 0.2855



66.4339, 0.3192, 0.3004



15.0801, 0.3091, 0.3054



7.9409, 0.2483, 0.1141



0.6725, 0.2586, 0.1198

Inverse Universe

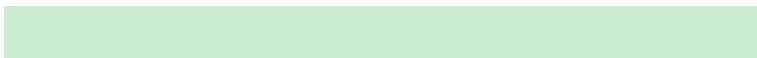
The Inverse Universe completely reimagines the original color for something new.



65.5089, 0.3319, 0.3184



73.5709, 0.3362, 0.3163



77.9157, 0.3068, 0.3594



15.1264, 0.3247, 0.3221



10.0857, 0.5787, 0.2962



0.8082, 0.5393, 0.2745

Previews

White Background



This preview shows how the Yxy color 65.1572, 0.3070, 0.2927 looks on a white background.

Color Contrast Check

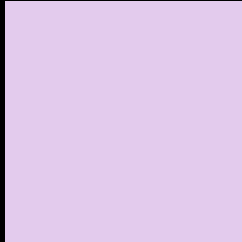
Large Text (above 18pt) WCAG AA × Fail

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 65.1572, 0.3070, 0.2927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

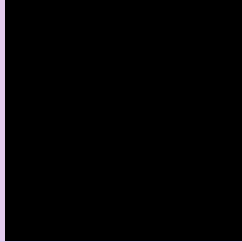
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.1572, 0.3070, 0.2927

Background



This preview shows how black text looks on a background with the Yxy color 65.1572, 0.3070, 0.2927.



This preview shows how white text looks on a background with the Yxy color 65.1572, 0.3070, 0.2927.

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

65.1572, 0.3070, 0.2927

Protanopia

65.5659, 0.2894, 0.2948

Deuteranopia

65.4727, 0.3018, 0.2955



Tritanopia

65.4241, 0.3158, 0.3116

Trichromacy



Original Color

65.1572, 0.3070, 0.2927

Protanomaly

65.2131, 0.2955, 0.2930

Deuteranomaly

65.4650, 0.3040, 0.2946

Tritanomaly

65.3774, 0.3131, 0.3052

Monochromacy



Original Color

65.1572, 0.3070, 0.2927

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

66.4272, 0.3111, 0.3158

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.1572, 0.3070, 0.2927 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(227, 203, 237)` looks like.

```
.text, #text, p{  
    color:rgb(227, 203, 237)  
}
```

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(227, 203, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 203, 237) }
```

Border

The CSS property to change the border of an element to Yxy 65.1572, 0.3070, 0.2927 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(227, 203, 237) }
```

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

```
.border{ border-color:rgb(227, 203, 237) }
```

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

Here you see how a box with a 4 pixel rgb(227, 203, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 203, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 203, 237);  
box-shadow:4px 4px 4px 4px rgb(227, 203,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 65.1572, 0.3070, 0.2927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 203, 237) }
```

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

```
.background{ background-color: rgb(227,  
203, 237) }
```

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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