

Converting Colors

$Y_{xy}(56.0807, 0.3052, 0.2642)$

Have a look what the booklet for
Yxy(56.0807, 0.3052, 0.2642)
contains.

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Color

Yxy(56.1166, 0.3054, 0.2642)

Conversions

Conversions Part 1

Format	Color
Hex	E5B5F2
RGB	229, 181, 242
RGB Percent	90%, 71%, 95%
CMY	0.1019, 0.2902, 0.0510
CMYK	0.05, 0.25, 0.00, 0.05
HSL	287°, 70%, 83%
HSV	287°, 25%, 95%
XYZ	64.8676, 56.1166, 91.4178
YIQ	202.3060, 9.0270, 29.1470

Conversions

Conversions Part 2

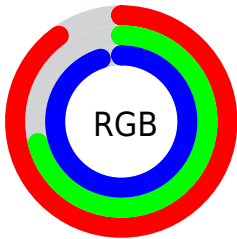
Format	Color
R _Y B	229, 181, 242
Decimal	15054322
CIE Lab	79.68, 27.80, -23.71
CIE LCh	80, 36.541, 319.540
Yxy	56.1166, 0.3054, 0.2642
Android (android.graphics.Color)	4293244402 (0xFFE5B5F2)
YUV	202.3060, 19.5691, 23.4106
Hunter-Lab	74.9110, 23.4739, -19.9170

Details

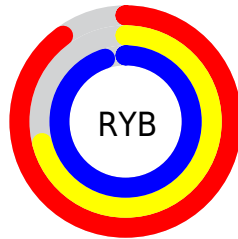
The Yxy color $56.1166, 0.3054, 0.2642$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $78.3089, 0.3177, 0.3991$, and the grayscale version is $59.1371, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.0484, 0.3135, 0.3117$, and $27.8678, 0.3026, 0.2494$ is the 20% darker color. If you saturate the color by 10%, you get $46.2826, 0.3015, 0.2375$, and if you desaturate by 10%, it is $67.6898, 0.3087, 0.2907$.

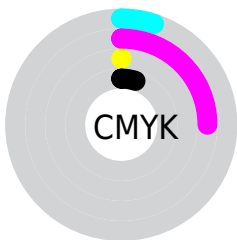
Distribution



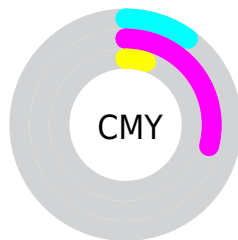
- Red (90%)
- Green (71%)
- Blue (95%)



- Red (90%)
- Yellow (71%)
- Blue (95%)



- Cyan (5%)
- Magenta (25%)
- Yellow (0%)
- Black (5%)





- Cyan (10%)
- Magenta (29%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.1166, 0.3054, 0.2642 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 56.1166, 0.3054, 0.2642 by changing the saturation by 10% instead.


 56.1166, 0.3054,
0.2642

 56.1166, 0.3054,
0.2642


410.1308, 0.3095,
0.2939

 40.2964, 0.3043,
0.2575


 99.1750, 0.3070,
0.2744

 27.7697, 0.3028,
0.2493


127.1821, 0.3075,
0.2785

 18.1522, 0.3008,
0.2390


160.0202, 0.3080,
0.2819

 11.0593, 0.2980,
0.2256

198.0738, 0.3084,
0.2849

 6.1067, 0.2936,
0.2079

241.7273, 0.3087,
0.2876

 2.9101, 0.2866,
0.1831

291.3650, 0.3090,

 1.0850, 0.2736,

0.2899

0.1470

347.3713, 0.3093,
0.2920

0.0000, 0.2661,
0.0000

0.0000, 0.0000,
0.0000

56.1166, 0.3054,
0.2642

56.1166, 0.3054,
0.2642

46.2826, 0.3015,
0.2375

67.6898, 0.3087,
0.2907

38.0920, 0.2970,
0.2115

81.0772, 0.3115,
0.3162

31.4506, 0.2919,
0.1872

96.3581, 0.3137,
0.3404

26.2519, 0.2865,
0.1659

98.1852, 0.3169,
0.3416

■ 22.3754, 0.2808,
0.1484

■ 99.1480, 0.3201,
0.3415

■ 19.6809, 0.2750,
0.1354

■ 99.1909, 0.3203,
0.3415

■ 17.9959, 0.2693,
0.1271

■ 17.4209, 0.2666,
0.1243

Harmonies

Analogous

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



56.1166, 0.2620, 0.2525



56.1166, 0.3054, 0.2642



56.1166, 0.3543, 0.2901

Triad

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



56.1166, 0.3054, 0.2642



56.1166, 0.3960, 0.3971



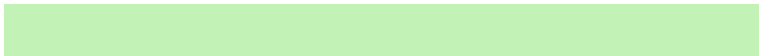
56.1166, 0.2375, 0.3246

Complementary

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



56.1166, 0.3054, 0.2642



78.3089, 0.3177, 0.3991

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.



56.1166, 0.2692, 0.3723



56.1166, 0.3054, 0.2642



56.1166, 0.3607, 0.4153

Square

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



56.1166, 0.3054, 0.2642



56.1166, 0.4087, 0.3636



56.1166, 0.3141, 0.4074



56.1166, 0.2252, 0.2830

Rectangle

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



56.1166, 0.3054, 0.2642



56.1166, 0.3824, 0.3130



56.1166, 0.3141, 0.4074



56.1166, 0.2461, 0.3406

Sweetspot

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



56.1190, 0.3054, 0.2642



86.8535, 0.3108, 0.3092



54.9145, 0.2707, 0.2731



18.0938, 0.3104, 0.3053



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.



56.1190, 0.3054, 0.2642



57.5614, 0.3036, 0.2512



57.3458, 0.3291, 0.2830



15.8517, 0.3104, 0.3055



9.4199, 0.2676, 0.1248



0.8255, 0.2749, 0.1288

Inverse Universe

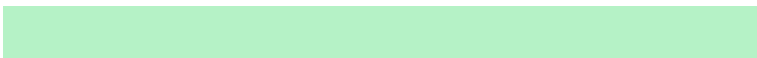
The Inverse Universe completely reimagines the original color for something new.



55.8193, 0.3549, 0.3150



57.2305, 0.3659, 0.3122



77.4194, 0.2995, 0.3799



15.8139, 0.3260, 0.3240



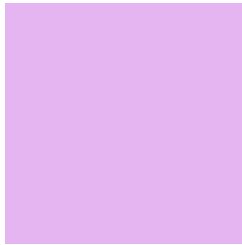
10.2880, 0.6039, 0.3100



0.8700, 0.5681, 0.2903

Previews

White Background



This preview shows how the Yxy color 56.1166, 0.3054, 0.2642 looks on a white background.

Color Contrast Check

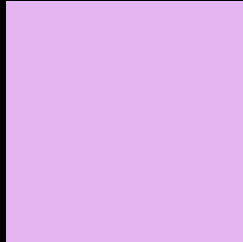
Large Text (above 18pt) WCAG AA × Fail

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 56.1166, 0.3054, 0.2642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

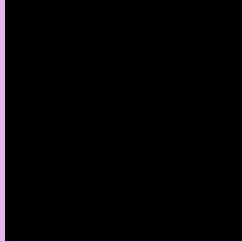
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.1166, 0.3054, 0.2642

Background



This preview shows how black text looks on a background with the Yxy color 56.1166, 0.3054, 0.2642.



This preview shows how white text looks on a background with the Yxy color 56.1166, 0.3054, 0.2642.

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

56.1166, 0.3054, 0.2642

Protanopia

56.5754, 0.2663, 0.2651

Deuteranopia

56.1670, 0.2822, 0.2754



Tritanopia

55.9662, 0.3301, 0.3121

Trichromacy



Original Color

56.1166, 0.3054, 0.2642

Protanomaly

56.3183, 0.2798, 0.2653

Deuteranomaly

56.1560, 0.2901, 0.2711

Tritanomaly

55.7152, 0.3209, 0.2935

Monochromacy



Original Color

56.1166, 0.3054, 0.2642

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

57.5904, 0.3100, 0.3028

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.1166, 0.3054, 0.2642 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(229, 181, 242)` looks like.

```
.text, #text, p{  
    color:rgb(229, 181, 242)  
}
```

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(229, 181, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 181, 242) }
```

Border

The CSS property to change the border of an element to Yxy 56.1166, 0.3054, 0.2642 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(229, 181, 242) }
```

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

```
.border{ border-color:rgb(229, 181, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 181, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 181, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 181, 242);  
box-shadow:4px 4px 4px 4px rgb(229, 181,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 56.1166, 0.3054, 0.2642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 181, 242) }
```

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

```
.background{ background-color: rgb(229,  
181, 242) }
```

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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