

Converting Colors

$Y_{xy}(56.7027, 0.3114, 0.2791)$

Have a look what the booklet for
Yxy(56.7027, 0.3114, 0.2791)
contains.

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Color

Yxy(56.6362, 0.3111, 0.2790)

Conversions

Conversions Part 1

Format	Color
Hex	E2B9E7
RGB	226, 185, 231
RGB Percent	89%, 73%, 91%
CMY	0.1135, 0.2746, 0.0941
CMYK	0.02, 0.20, 0.00, 0.09
HSL	294°, 49%, 82%
HSV	294°, 20%, 91%
XYZ	63.1524, 56.6362, 83.2085
YIQ	202.5030, 9.6700, 22.9980

Conversions

Conversions Part 2

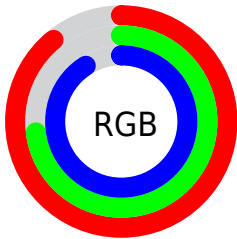
Format	Color
R _Y B	226, 185, 231
Decimal	14858727
CIE Lab	79.97, 22.62, -17.38
CIE LCh	80, 28.524, 322.464
Yxy	56.6362, 0.3111, 0.2790
Android (android.graphics.Color)	4293048807 (0xFFE2B9E7)
YUV	202.5030, 14.0490, 20.6069
Hunter-Lab	75.2570, 18.0896, -12.8745

Details

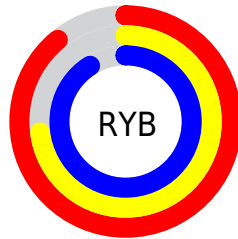
The Yxy color **56.6362, 0.3111, 0.2790** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.5941, 0.3135, 0.3833**, and the grayscale version is **59.3039, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3906, 0.3133, 0.3156**, and **28.1437, 0.3102, 0.2681** is the 20% darker color. If you saturate the color by 10%, you get **47.3492, 0.3099, 0.2532**, and if you desaturate by 10%, it is **67.5040, 0.3120, 0.3045**.

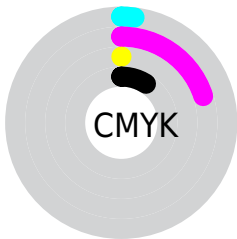
Distribution



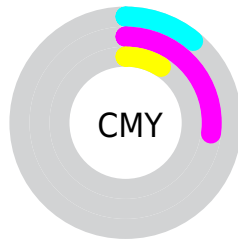
- Red (89%)
- Green (73%)
- Blue (91%)



- Red (89%)
- Yellow (73%)
- Blue (91%)



- Cyan (2%)
- Magenta (20%)
- Yellow (0%)
- Black (9%)




- Cyan (11%)
- Magenta (27%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.6362, 0.3111, 0.2790 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 56.6362, 0.3111, 0.2790 by changing the saturation by 10% instead.


 56.6362, 0.3111,
0.2790

 56.6362, 0.3111,
0.2790

412.0847, 0.3123,
0.3022

 40.7132, 0.3107,
0.2737


 99.9342, 0.3116,
0.2871

 28.0951, 0.3102,
0.2671


128.0779, 0.3117,
0.2902

 18.3973, 0.3095,
0.2588


161.0641, 0.3119,
0.2929

 11.2356, 0.3084,
0.2480

199.2771, 0.3120,
0.2952

 6.2256, 0.3066,
0.2332

243.1012, 0.3121,
0.2973

 2.9827, 0.3033,
0.2121

292.9209, 0.3121,

 1.1227, 0.2968,

0.2991

349.1206, 0.3122,
0.3008

0.1798

0.0000, 0.3081,
0.0000

0.0000, 0.0000,
0.0000

56.6362, 0.3111,
0.2790

56.6362, 0.3111,
0.2790

47.3492, 0.3099,
0.2532

67.5040, 0.3120,
0.3045

39.5599, 0.3083,
0.2281

80.0160, 0.3127,
0.3292

33.1889, 0.3064,
0.2045

94.2409, 0.3132,
0.3525

28.1460, 0.3042,
0.1835

95.1200, 0.3147,
0.3531

■ 24.3313, 0.3018,
0.1661

■ 95.5473, 0.3162,
0.3530

■ 21.6302, 0.2992,
0.1528

■ 95.9806, 0.3178,
0.3529

■ 19.9067, 0.2964,
0.1441

■ 96.4198, 0.3194,
0.3528

■ 18.9285, 0.2936,
0.1392

■ 96.8649, 0.3209,
0.3526

■ 18.9220, 0.2936,
0.1391

■ 97.3161, 0.3225,
0.3525

Harmonies

Analogous

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



56.6362, 0.2759, 0.2685



56.6362, 0.3111, 0.2790



56.6362, 0.3487, 0.3009

Triad

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



56.6362, 0.3111, 0.2790



56.6362, 0.3760, 0.3850



56.6362, 0.2518, 0.3227

Complementary

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



56.6362, 0.3111, 0.2790



71.5941, 0.3135, 0.3833

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.



56.6362, 0.2759, 0.3590



56.6362, 0.3111, 0.2790



56.6362, 0.3475, 0.3962

Square

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



56.6362, 0.3111, 0.2790



56.6362, 0.3874, 0.3602



56.6362, 0.3108, 0.3871



56.6362, 0.2433, 0.2911

Rectangle

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



56.6362, 0.3111, 0.2790



56.6362, 0.3695, 0.3198



56.6362, 0.3108, 0.3871



56.6362, 0.2582, 0.3349

Sweetspot

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



56.6386, 0.3111, 0.2790



90.3136, 0.3123, 0.3143



53.0600, 0.2799, 0.2807



19.1150, 0.3123, 0.3126



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.



56.6386, 0.3111, 0.2790



65.7500, 0.3106, 0.2682



56.5018, 0.3288, 0.2979



14.5325, 0.3121, 0.3057



10.6403, 0.2941, 0.1394



0.8089, 0.2982, 0.1417

Inverse Universe

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



55.3935, 0.3481, 0.3236



63.9420, 0.3577, 0.3223



71.7609, 0.2995, 0.3623



14.3930, 0.3276, 0.3265



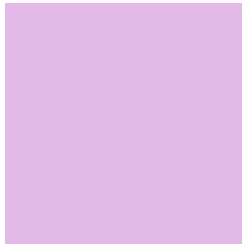
9.5718, 0.6270, 0.3228



0.7158, 0.5981, 0.3068

Previews

White Background



This preview shows how the Yxy color 56.6362, 0.3111, 0.2790 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 56.6362, 0.3111, 0.2790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

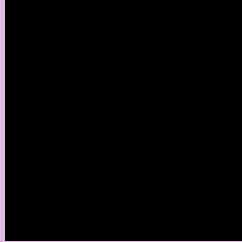
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.6362, 0.3111, 0.2790

Background



This preview shows how black text looks on a background with the Yxy color 56.6362, 0.3111, 0.2790.



This preview shows how white text looks on a background with the Yxy color 56.6362, 0.3111, 0.2790.

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

56.6362, 0.3111, 0.2790

Protanopia

56.9833, 0.2782, 0.2804

Deuteranopia

56.9372, 0.2946, 0.2889



Tritanopia

56.7161, 0.3282, 0.3132

Trichromacy



Original Color

56.6362, 0.3111, 0.2790

Protanomaly

56.7526, 0.2892, 0.2802

Deuteranomaly

56.8237, 0.3000, 0.2851

Tritanomaly

56.5095, 0.3214, 0.3000

Monochromacy



Original Color

56.6362, 0.3111, 0.2790

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

58.1328, 0.3121, 0.3095

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.6362, 0.3111, 0.2790 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(226, 185, 231)` looks like.

```
.text, #text, p{  
    color:rgb(226, 185, 231)  
}
```

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(226, 185, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 185, 231) }
```

Border

The CSS property to change the border of an element to Yxy 56.6362, 0.3111, 0.2790 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(226, 185, 231) }
```

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

```
.border{ border-color:rgb(226, 185, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 185, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 185, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 185, 231);  
box-shadow:4px 4px 4px 4px rgb(226, 185,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 56.6362, 0.3111, 0.2790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 185, 231) }
```

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

```
.background{ background-color: rgb(226,  
185, 231) }
```

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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