

Converting Colors

Yxy(56.8226, 0.3151, 0.2794)

Have a look what the booklet for
Yxy(56.8226, 0.3151, 0.2794)
contains.

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Color

Yxy(56.8171, 0.3150, 0.2794)

Conversions

Conversions Part 1

Format	Color
Hex	E6B8E6
RGB	230, 184, 230
RGB Percent	90%, 72%, 90%
CMY	0.0981, 0.2784, 0.0979
CMYK	0.00, 0.20, 0.00, 0.10
HSL	300°, 48%, 81%
HSV	300°, 20%, 90%
XYZ	64.0565, 56.8171, 82.4804
YIQ	202.9980, 12.6500, 24.0580

Conversions

Conversions Part 2

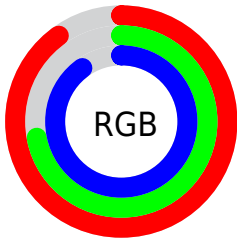
Format	Color
R _Y B	230, 184, 230
Decimal	15120614
CIE Lab	80.08, 24.25, -16.67
CIE LCh	80, 29.426, 325.499
Yxy	56.8171, 0.3150, 0.2794
Android (android.graphics.Color)	4293310694 (0xFFE6B8E6)
YUV	202.9980, 13.3120, 23.6808
Hunter-Lab	75.3771, 19.7818, -12.1133

Details

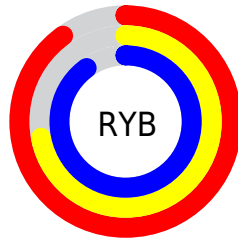
The Yxy color $56.8171, 0.3150, 0.2794$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $70.2733, 0.3102, 0.3841$, and the grayscale version is $59.6301, 0.3127, 0.3290$.

A 20% lighter version of the original color is $90.8002, 0.3134, 0.3146$, and $28.2873, 0.3155, 0.2688$ is the 20% darker color. If you saturate the color by 10%, you get $48.0222, 0.3161, 0.2545$, and if you desaturate by 10%, it is $67.1710, 0.3138, 0.3045$.

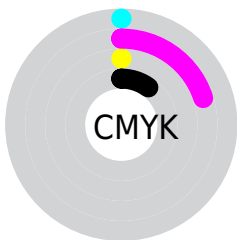
Distribution



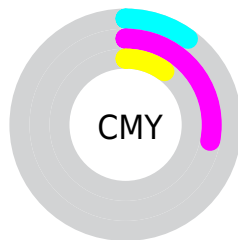
- Red (90%)
- Green (72%)
- Blue (90%)



- Red (90%)
- Yellow (72%)
- Blue (90%)



- Cyan (0%)
- Magenta (20%)
- Yellow (0%)
- Black (10%)





- Cyan (10%)
- Magenta (28%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.8171, 0.3150, 0.2794 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 56.8171, 0.3150, 0.2794 by changing the saturation by 10% instead.


 56.8171, 0.3150,
0.2794

 56.8171, 0.3150,
0.2794


412.7636, 0.3143,
0.3024

 40.8584, 0.3151,
0.2741


 100.1983, 0.3148,
0.2874

 28.2085, 0.3151,
0.2677


128.3895, 0.3147,
0.2905

 18.4829, 0.3151,
0.2594


161.4271, 0.3147,
0.2932

 11.2972, 0.3149,
0.2487

199.6954, 0.3146,
0.2955

 6.2671, 0.3144,
0.2341

243.5788, 0.3145,
0.2975

 3.0082, 0.3132,
0.2133

293.4617, 0.3144,

 1.1360, 0.3099,

0.2993

0.1814

349.7285, 0.3144,
0.3010

0.0085, 0.3336,
0.0047

0.0000, 0.0000,
0.0000

56.8171, 0.3150,
0.2794

56.8171, 0.3150,
0.2794

48.0222, 0.3161,
0.2545

67.1710, 0.3138,
0.3045

40.7037, 0.3172,
0.2306

79.1462, 0.3127,
0.3290

34.7830, 0.3182,
0.2088

92.8110, 0.3116,
0.3524

30.1710, 0.3191,
0.1898

94.0733, 0.3116,
0.3544

■ 26.7685, 0.3198,
0.1747

■ 94.0777, 0.3116,
0.3544

■ 24.4620, 0.3202,
0.1637

■ 94.0821, 0.3116,
0.3544

■ 23.1169, 0.3205,
0.1571

■ 94.0865, 0.3116,
0.3544

■ 22.5005, 0.3206,
0.1540

■ 94.0909, 0.3116,
0.3544

■ 94.0953, 0.3116,
0.3544

Harmonies

Analogous

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



56.8171, 0.2781, 0.2673



56.8171, 0.3150, 0.2794



56.8171, 0.3534, 0.3028

Triad

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



56.8171, 0.3150, 0.2794



56.8171, 0.3756, 0.3886



56.8171, 0.2483, 0.3187

Complementary

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



56.8171, 0.3150, 0.2794



70.2733, 0.3102, 0.3841

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.



56.8171, 0.2717, 0.3563



56.8171, 0.3150, 0.2794



56.8171, 0.3449, 0.3983

Square

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



56.8171, 0.3150, 0.2794



56.8171, 0.3895, 0.3640



56.8171, 0.3068, 0.3868



56.8171, 0.2414, 0.2873

Rectangle

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



56.8171, 0.3150, 0.2794



56.8171, 0.3739, 0.3225



56.8171, 0.3068, 0.3868



56.8171, 0.2544, 0.3312

Sweetspot

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



56.8196, 0.3150, 0.2794



90.6203, 0.3134, 0.3143



50.5100, 0.2794, 0.2748



19.1878, 0.3135, 0.3127



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.



56.8196, 0.3150, 0.2794



66.9612, 0.3155, 0.2691



55.6568, 0.3326, 0.3027



14.6144, 0.3138, 0.3059



12.7342, 0.3206, 0.1540



0.9413, 0.3207, 0.1540

Inverse Universe

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



54.5763, 0.3524, 0.3291



63.6438, 0.3630, 0.3291



71.2744, 0.2967, 0.3569



14.3683, 0.3292, 0.3290



9.5247, 0.6399, 0.3299



0.7039, 0.6396, 0.3297

Previews

White Background



This preview shows how the Yxy color 56.8171, 0.3150, 0.2794 looks on a white background.

Color Contrast Check

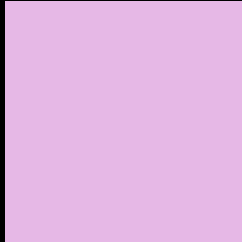
Large Text (above 18pt) WCAG AA × Fail

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 56.8171, 0.3150, 0.2794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

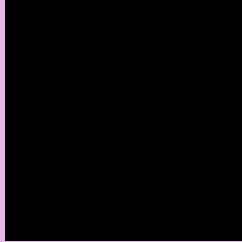
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.8171, 0.3150, 0.2794

Background



This preview shows how black text looks on a background with the Yxy color 56.8171, 0.3150, 0.2794.



This preview shows how white text looks on a background with the Yxy color 56.8171, 0.3150, 0.2794.

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

56.8171, 0.3150, 0.2794

Protanopia

57.1116, 0.2789, 0.2805

Deuteranopia

57.0224, 0.2961, 0.2901



Tritanopia

56.8757, 0.3324, 0.3133

Trichromacy



Original Color

56.8171, 0.3150, 0.2794

Protanomaly

56.7345, 0.2913, 0.2794

Deuteranomaly

56.6302, 0.3022, 0.2853

Tritanomaly

56.6756, 0.3255, 0.3002

Monochromacy



Original Color

56.8171, 0.3150, 0.2794

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

58.4301, 0.3136, 0.3096

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.8171, 0.3150, 0.2794 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(230, 184, 230)` looks like.

```
.text, #text, p{  
    color:rgb(230, 184, 230)  
}
```

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(230, 184, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 184, 230) }
```

Border

The CSS property to change the border of an element to Yxy 56.8171, 0.3150, 0.2794 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(230, 184, 230) }
```

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

```
.border{ border-color:rgb(230, 184, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 184, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 184, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 184, 230);  
box-shadow:4px 4px 4px 4px rgb(230, 184,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 56.8171, 0.3150, 0.2794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 184, 230) }
```

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

```
.background{ background-color: rgb(230,  
184, 230) }
```

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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