

Converting Colors

Yxy(56.1340, 0.3188, 0.2808)

Have a look what the booklet for
Yxy(56.1340, 0.3188, 0.2808)
contains.

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Color

Yxy(56.1578, 0.3191, 0.2805)

Conversions

Conversions Part 1

Format	Color
Hex	E8B6E3
RGB	232, 182, 227
RGB Percent	91%, 71%, 89%
CMY	0.0900, 0.2863, 0.1097
CMYK	0.00, 0.22, 0.02, 0.09
HSL	306°, 52%, 81%
HSV	306°, 22%, 91%
XYZ	63.8858, 56.1578, 80.1625
YIQ	202.0800, 15.3550, 24.5950

Conversions

Conversions Part 2

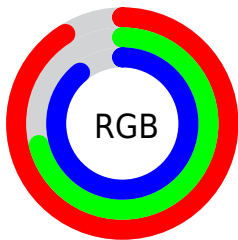
Format	Color
R_{YB}	232, 182, 227
Decimal	15251171
CIE _{Lab}	79.70, 25.47, -15.59
CIE _{LCh}	80, 29.860, 328.534
Yxy	56.1578, 0.3191, 0.2805
Android (android.graphics.Color)	4293441251 (0xFFE8B6E3)
YUV	202.0800, 12.2856, 26.2398
Hunter-Lab	74.9385, 21.0305, -10.9662

Details

The Yxy color **56.1578, 0.3191, 0.2805** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.2717, 0.3069, 0.3828**, and the grayscale version is **59.0338, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.6291, 0.3135, 0.3127**, and **27.9092, 0.3199, 0.2689** is the 20% darker color. If you saturate the color by 10%, you get **47.3036, 0.3226, 0.2577**, and if you desaturate by 10%, it is **66.5934, 0.3159, 0.3033**.

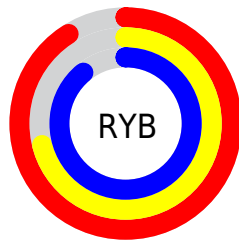
Distribution



Red (91%)

Green (71%)

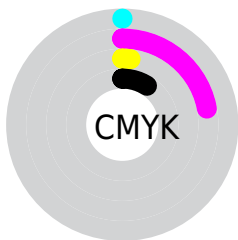
Blue (89%)



Red (91%)

Yellow (71%)

Blue (89%)

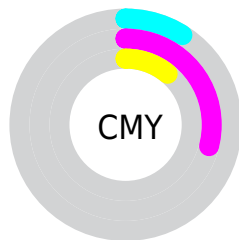


Cyan (0%)

Magenta (22%)

Yellow (2%)

Black (9%)



Cyan (9%)


Magenta (29%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.1578, 0.3191, 0.2805 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 56.1578, 0.3191, 0.2805 by changing the saturation by 10% instead.


 56.1578, 0.3191,
0.2805

 56.1578, 0.3191,
0.2805


410.2859, 0.3164,
0.3030

 40.3295, 0.3196,
0.2753


 99.2353, 0.3182,
0.2883

 27.7955, 0.3203,
0.2689


127.2532, 0.3179,
0.2914

 18.1716, 0.3210,
0.2609


160.1030, 0.3176,
0.2940

 11.0732, 0.3219,
0.2503

198.1693, 0.3173,
0.2963

 6.1161, 0.3228,
0.2358

241.8363, 0.3170,
0.2983

 2.9158, 0.3238,
0.2152

291.4885, 0.3168,

 1.0879, 0.3240,

0.3001

0.1832

347.5102, 0.3166,
0.3016

0.0000, 0.3585,
0.0000

0.0000, 0.0000,
0.0000

56.1578, 0.3191,
0.2805

56.1578, 0.3191,
0.2805

47.3036, 0.3226,
0.2577

66.5934, 0.3159,
0.3033

39.9460, 0.3263,
0.2358

78.6751, 0.3131,
0.3256

34.0031, 0.3303,
0.2157

92.4733, 0.3107,
0.3468

29.3828, 0.3343,
0.1984

94.7597, 0.3092,
0.3478

■ 25.9815, 0.3382,
0.1848

■ 94.8962, 0.3079,
0.3454

■ 23.6807, 0.3420,
0.1754

■ 95.0345, 0.3066,
0.3430

■ 22.3379, 0.3456,
0.1706

■ 95.1746, 0.3052,
0.3407

■ 21.7557, 0.3483,
0.1693

■ 95.3164, 0.3039,
0.3383

■ 95.4600, 0.3026,
0.3360

Harmonies

Analogous

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



56.1578, 0.2809, 0.2668



56.1578, 0.3191, 0.2805



56.1578, 0.3578, 0.3052

Triad

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



56.1578, 0.3191, 0.2805



56.1578, 0.3742, 0.3915



56.1578, 0.2457, 0.3148

Complementary

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



56.1578, 0.3191, 0.2805



71.2717, 0.3069, 0.3828

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.



56.1578, 0.2679, 0.3530



56.1578, 0.3191, 0.2805



56.1578, 0.3417, 0.3995

Square

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



56.1578, 0.3191, 0.2805



56.1578, 0.3904, 0.3675



56.1578, 0.3027, 0.3856



56.1578, 0.2404, 0.2840

Rectangle

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



56.1578, 0.3191, 0.2805



56.1578, 0.3776, 0.3256



56.1578, 0.3027, 0.3856



56.1578, 0.2513, 0.3273

Sweetspot

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



56.1603, 0.3191, 0.2805



90.5252, 0.3143, 0.3158



49.8414, 0.2801, 0.2696



19.1652, 0.3145, 0.3143



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.



56.1603, 0.3191, 0.2805



64.3251, 0.3206, 0.2701



54.8775, 0.3393, 0.3069



14.5890, 0.3153, 0.3081



12.0830, 0.3478, 0.1690



0.9001, 0.3434, 0.1665

Inverse Universe

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



56.1603, 0.3191, 0.2805



64.3251, 0.3206, 0.2701



72.4381, 0.2920, 0.3523



14.5890, 0.3153, 0.3081



12.0830, 0.3478, 0.1690



0.9001, 0.3434, 0.1665

Previews

White Background



This preview shows how the Yxy color 56.1578, 0.3191, 0.2805 looks on a white background.

Color Contrast Check

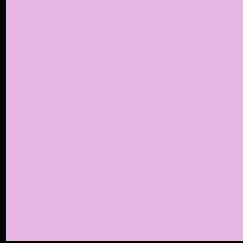
Large Text (above 18pt) WCAG AA × Fail

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 56.1578, 0.3191, 0.2805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

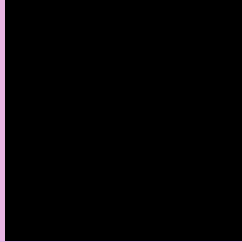
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.1578, 0.3191, 0.2805

Background



This preview shows how black text looks on a background with the Yxy color 56.1578, 0.3191, 0.2805.



This preview shows how white text looks on a background with the Yxy color 56.1578, 0.3191, 0.2805.

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

56.1578, 0.3191, 0.2805

Protanopia

56.3548, 0.2800, 0.2825

Deuteranopia

56.4135, 0.2982, 0.2922



Tritanopia

56.2517, 0.3360, 0.3134

Trichromacy



Original Color

56.1578, 0.3191, 0.2805

Protanomaly

56.1239, 0.2933, 0.2814

Deuteranomaly

56.1823, 0.3052, 0.2874

Tritanomaly

56.0091, 0.3298, 0.3014

Monochromacy



Original Color

56.1578, 0.3191, 0.2805

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

57.8795, 0.3152, 0.3107

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.1578, 0.3191, 0.2805 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(232, 182, 227)` looks like.

```
.text, #text, p{  
    color:rgb(232, 182, 227)  
}
```

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(232, 182, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 182, 227) }
```

Border

The CSS property to change the border of an element to Yxy 56.1578, 0.3191, 0.2805 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(232, 182, 227) }
```

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

```
.border{ border-color:rgb(232, 182, 227) }
```

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

Here you see how a box with a 4 pixel rgb(232, 182, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 182, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 182, 227);  
box-shadow:4px 4px 4px 4px rgb(232, 182,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 56.1578, 0.3191, 0.2805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 182, 227) }
```

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

```
.background{ background-color: rgb(232,  
182, 227) }
```

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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