

Converting Colors

$Y_{xy}(56.3153, 0.3080, 0.2884)$

Have a look what the booklet for
Yxy(56.3153, 0.3080, 0.2884)
contains.

Yxy(56.5831, 0.3082, 0.2888)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(56.5831, 0.3082, 0.2888)

Conversions

Conversions Part 1

Format	Color
Hex	D9BDE1
RGB	217, 189, 225
RGB Percent	85%, 74%, 88%
CMY	0.1493, 0.2587, 0.1177
CMYK	0.04, 0.16, 0.00, 0.12
HSL	287°, 37%, 81%
HSV	287°, 16%, 88%
XYZ	60.3840, 56.5831, 78.9577
YIQ	201.4760, 5.1320, 17.1320

Conversions

Conversions Part 2

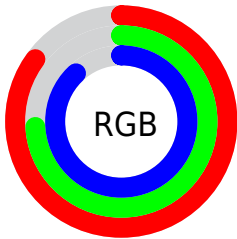
Format	Color
R _Y B	217, 189, 225
Decimal	14269921
CIE Lab	79.94, 16.28, -14.26
CIE LCh	80, 21.641, 318.776
Yxy	56.5831, 0.3082, 0.2888
Android (android.graphics.Color)	4292460001 (0xFFD9BDE1)
YUV	201.4760, 11.5973, 13.6145
Hunter-Lab	75.2217, 11.6523, -9.5795

Details

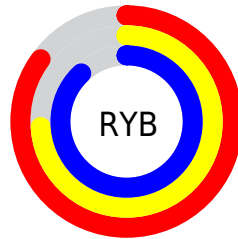
The Yxy color **56.5831, 0.3082, 0.2888** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **69.3975, 0.3164, 0.3711**, and the grayscale version is **58.6400, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7848, 0.3132, 0.3194**, and **28.1920, 0.3066, 0.2792** is the 20% darker color. If you saturate the color by 10%, you get **46.8829, 0.3046, 0.2623**, and if you desaturate by 10%, it is **67.8132, 0.3112, 0.3144**.

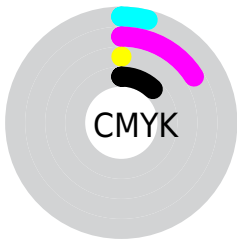
Distribution



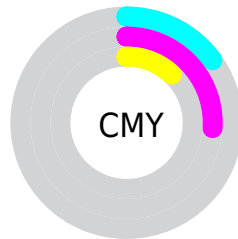
- Red (85%)
- Green (74%)
- Blue (88%)



- Red (85%)
- Yellow (74%)
- Blue (88%)



- Cyan (4%)
- Magenta (16%)
- Yellow (0%)
- Black (12%)





- Cyan (15%)
- Magenta (26%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.5831, 0.3082, 0.2888 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 56.5831, 0.3082, 0.2888 by changing the saturation by 10% instead.

 56.5831, 0.3082,
0.2888

 56.5831, 0.3082,
0.2888


411.8853, 0.3106,
0.3077

 40.6706, 0.3076,
0.2844


 99.8566, 0.3091,
0.2954

 28.0618, 0.3067,
0.2790


127.9865, 0.3094,
0.2979

 18.3723, 0.3056,
0.2721


160.9575, 0.3097,
0.3001

 11.2176, 0.3040,
0.2630

199.1542, 0.3099,
0.3020

 6.2134, 0.3016,
0.2504

242.9610, 0.3101,
0.3037

 2.9753, 0.2976,
0.2320

292.7621, 0.3103,

 1.1188, 0.2900,

0.3052

0.2030

348.9421, 0.3105,
0.3065

0.0000, 0.2833,
0.0000

0.0000, 0.0000,
0.0000

56.5831, 0.3082,
0.2888

56.5831, 0.3082,
0.2888

46.8829, 0.3046,
0.2623

67.8132, 0.3112,
0.3144

38.6360, 0.3004,
0.2356

80.6306, 0.3136,
0.3385

31.7703, 0.2956,
0.2096

94.1193, 0.3157,
0.3595

26.2046, 0.2902,
0.1854

94.9754, 0.3189,
0.3592

■ 21.8488, 0.2844,
0.1641

■ 95.8560, 0.3221,
0.3589

■ 18.6015, 0.2784,
0.1466

■ 96.7611, 0.3253,
0.3586

■ 16.3443, 0.2723,
0.1337

■ 97.6911, 0.3286,
0.3583

■ 14.9306, 0.2664,
0.1254

■ 98.2151, 0.3304,
0.3582

■ 14.4984, 0.2640,
0.1228

Harmonies

Analogous

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



56.5831, 0.2819, 0.2821



56.5831, 0.3082, 0.2888



56.5831, 0.3369, 0.3050

Triad

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



56.5831, 0.3082, 0.2888



56.5831, 0.3628, 0.3702



56.5831, 0.2677, 0.3280

Complementary

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



56.5831, 0.3082, 0.2888



69.3975, 0.3164, 0.3711

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.



56.5831, 0.2878, 0.3547



56.5831, 0.3082, 0.2888



56.5831, 0.3427, 0.3794

Square

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



56.5831, 0.3082, 0.2888



56.5831, 0.3692, 0.3508



56.5831, 0.3152, 0.3741



56.5831, 0.2594, 0.3032

Rectangle

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



56.5831, 0.3082, 0.2888



56.5831, 0.3532, 0.3194



56.5831, 0.3152, 0.3741



56.5831, 0.2733, 0.3372

Sweetspot

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



56.5855, 0.3082, 0.2888



91.5953, 0.3114, 0.3167



56.3829, 0.2872, 0.2964



19.3616, 0.3113, 0.3150



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.



56.5855, 0.3082, 0.2888



70.8865, 0.3071, 0.2805



57.3411, 0.3219, 0.2998



13.7727, 0.3102, 0.3056



8.4105, 0.2650, 0.1233



0.6215, 0.2740, 0.1283

Inverse Universe

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



56.4499, 0.3363, 0.3199



70.6989, 0.3420, 0.3181



68.7686, 0.3047, 0.3601



13.7506, 0.3257, 0.3238



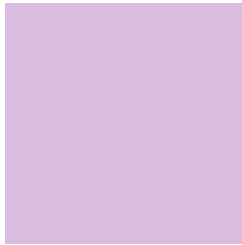
9.3736, 0.6000, 0.3079



0.6632, 0.5567, 0.2840

Previews

White Background



This preview shows how the Yxy color 56.5831, 0.3082, 0.2888 looks on a white background.

Color Contrast Check

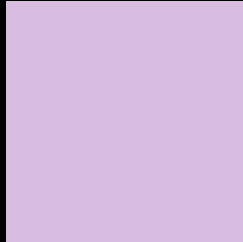
Large Text (above 18pt) WCAG AA × Fail

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 56.5831, 0.3082, 0.2888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

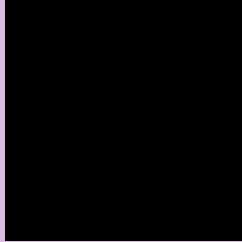
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.5831, 0.3082, 0.2888

Background



This preview shows how black text looks on a background with the Yxy color 56.5831, 0.3082, 0.2888.



This preview shows how white text looks on a background with the Yxy color 56.5831, 0.3082, 0.2888.

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

56.5831, 0.3082, 0.2888

Protanopia

56.8521, 0.2861, 0.2905

Deuteranopia

56.5009, 0.2996, 0.2934



Tritanopia

56.5004, 0.3192, 0.3118

Trichromacy



Original Color

56.5831, 0.3082, 0.2888

Protanomaly

56.6025, 0.2938, 0.2898

Deuteranomaly

56.6364, 0.3027, 0.2925

Tritanomaly

56.5637, 0.3147, 0.3028

Monochromacy



Original Color

56.5831, 0.3082, 0.2888

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.8510, 0.3111, 0.3139

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5831, 0.3082, 0.2888 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(217, 189, 225)` looks like.

```
.text, #text, p{  
    color:rgb(217, 189, 225)  
}
```

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(217, 189, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 189, 225) }
```

Border

The CSS property to change the border of an element to Yxy 56.5831, 0.3082, 0.2888 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(217, 189, 225) }
```

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

```
.border{ border-color:rgb(217, 189, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 189, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 189, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 189, 225);  
box-shadow:4px 4px 4px 4px rgb(217, 189,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5831, 0.3082, 0.2888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 189, 225) }
```

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

```
.background{ background-color: rgb(217,  
189, 225) }
```

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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