

Converting Colors

Yxy(56.6757, 0.3128, 0.2932)

Have a look what the booklet for
Yxy(56.6757, 0.3128, 0.2932)
contains.

Yxy(56.6757, 0.3128, 0.2932)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(56.6757, 0.3128, 0.2932)

Conversions

Conversions Part 1

Format	Color
Hex	DBBDDD
RGB	219, 189, 221
RGB Percent	86%, 74%, 87%
CMY	0.1411, 0.2588, 0.1333
CMYK	0.01, 0.14, 0.00, 0.13
HSL	296°, 32%, 80%
HSV	296°, 14%, 87%
XYZ	60.4644, 56.6757, 76.1604
YIQ	201.6180, 7.6080, 16.3120

Conversions

Conversions Part 2

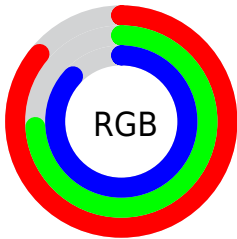
Format	Color
R _Y B	219, 189, 221
Decimal	14400989
CIE Lab	80.00, 16.24, -12.02
CIE LCh	80, 20.209, 323.487
Yxy	56.6757, 0.3128, 0.2932
Android (android.graphics.Color)	4292591069 (0xFFDBBDDD)
YUV	201.6180, 9.5553, 15.2440
Hunter-Lab	75.2833, 11.6181, -7.2825

Details

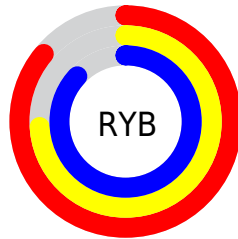
The Yxy color $56.6757, 0.3128, 0.2932$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $66.4641, 0.3123, 0.3672$, and the grayscale version is $58.7503, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.7848, 0.3132, 0.3194$, and $28.2540, 0.3126, 0.2850$ is the 20% darker color. If you saturate the color by 10%, you get $47.6711, 0.3127, 0.2678$, and if you desaturate by 10%, it is $67.1357, 0.3128, 0.3181$.

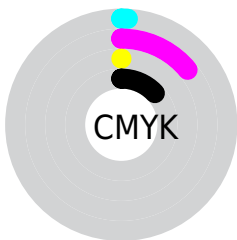
Distribution



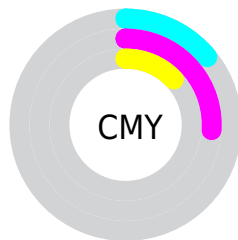
- Red (86%)
- Green (74%)
- Blue (87%)



- Red (86%)
- Yellow (74%)
- Blue (87%)



- Cyan (1%)
- Magenta (14%)
- Yellow (0%)
- Black (13%)





- Cyan (14%)
- Magenta (26%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.6757, 0.3128, 0.2932 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 56.6757, 0.3128, 0.2932 by changing the saturation by 10% instead.


 56.6757, 0.3128,
0.2932

 56.6757, 0.3128,
0.2932


412.2330, 0.3130,
0.3100

 40.7449, 0.3127,
0.2893


 99.9918, 0.3129,
0.2991

 28.1198, 0.3126,
0.2844


128.1460, 0.3129,
0.3014

 18.4160, 0.3124,
0.2782


161.1434, 0.3129,
0.3033

 11.2491, 0.3120,
0.2700

199.3684, 0.3130,
0.3050

 6.2346, 0.3113,
0.2586

243.2055, 0.3130,
0.3065

 2.9883, 0.3100,
0.2419

293.0391, 0.3130,

 1.1256, 0.3069,

0.3078

0.2152

349.2534, 0.3130,
0.3090

■ 0.0000, 0.3204,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.6757, 0.3128,
0.2932

■ 56.6757, 0.3128,
0.2932

■ 47.6711, 0.3127,
0.2678

■ 67.1357, 0.3128,
0.3181

■ 40.0491, 0.3124,
0.2427

■ 79.1049, 0.3126,
0.3420

■ 33.7418, 0.3118,
0.2188

■ 92.4505, 0.3124,
0.3643

■ 28.6728, 0.3111,
0.1971

■ 92.6701, 0.3132,
0.3642

■ 24.7574, 0.3101,
0.1785

■ 92.8914, 0.3141,
0.3641

■ 21.9008, 0.3089,
0.1639

■ 93.1146, 0.3150,
0.3640

■ 19.9928, 0.3075,
0.1536

■ 93.3395, 0.3158,
0.3639

■ 18.8991, 0.3060,
0.1475

■ 93.5663, 0.3167,
0.3638

■ 18.5215, 0.3052,
0.1455

■ 93.7948, 0.3176,
0.3637

Harmonies

Analogous

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



56.6757, 0.2874, 0.2854



56.6757, 0.3128, 0.2932



56.6757, 0.3392, 0.3096

Triad

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



56.6757, 0.3128, 0.2932



56.6757, 0.3572, 0.3697



56.6757, 0.2686, 0.3243

Complementary

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



56.6757, 0.3128, 0.2932



66.4641, 0.3123, 0.3672

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.



56.6757, 0.2860, 0.3493



56.6757, 0.3128, 0.2932



56.6757, 0.3370, 0.3761

Square

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



56.6757, 0.3128, 0.2932



56.6757, 0.3654, 0.3528



56.6757, 0.3109, 0.3688



56.6757, 0.2627, 0.3019

Rectangle

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



56.6757, 0.3128, 0.2932



56.6757, 0.3534, 0.3235



56.6757, 0.3109, 0.3688



56.6757, 0.2733, 0.3327

Sweetspot

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



56.6782, 0.3128, 0.2932



93.5436, 0.3128, 0.3192



53.3601, 0.2896, 0.2932



19.7705, 0.3128, 0.3174



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.



56.6782, 0.3128, 0.2932



74.8840, 0.3128, 0.2865



56.2800, 0.3250, 0.3085



13.2314, 0.3128, 0.3059



10.7777, 0.3054, 0.1456



0.7110, 0.3081, 0.1471

Inverse Universe

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



55.5297, 0.3379, 0.3268



73.0450, 0.3435, 0.3264



66.8389, 0.3020, 0.3504



13.0646, 0.3282, 0.3276



8.9536, 0.6330, 0.3261



0.5848, 0.6125, 0.3148

Previews

White Background



This preview shows how the Yxy color 56.6757, 0.3128, 0.2932 looks on a white background.

Color Contrast Check

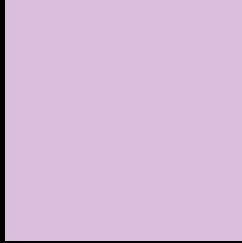
Large Text (above 18pt) WCAG AA × Fail

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 56.6757, 0.3128, 0.2932 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 56.6757, 0.3128, 0.2932

Background



This preview shows how black text looks on a background with the Yxy color 56.6757, 0.3128, 0.2932.



This preview shows how white text looks on a background with the Yxy color 56.6757, 0.3128, 0.2932.

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

56.6757, 0.3128, 0.2932

Protanopia

56.8928, 0.2901, 0.2951

Deuteranopia

56.7171, 0.3048, 0.2980



Tritanopia

56.4695, 0.3225, 0.3119

Trichromacy



Original Color

56.6757, 0.3128, 0.2932

Protanomaly

56.6619, 0.2981, 0.2944

Deuteranomaly

56.8636, 0.3079, 0.2971

Tritanomaly

56.4355, 0.3195, 0.3052

Monochromacy



Original Color

56.6757, 0.3128, 0.2932

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

57.9459, 0.3126, 0.3151

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.6757, 0.3128, 0.2932 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(219, 189, 221)` looks like.

```
.text, #text, p{  
    color:rgb(219, 189, 221)  
}
```

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(219, 189, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 189, 221) }
```

Border

The CSS property to change the border of an element to Yxy 56.6757, 0.3128, 0.2932 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(219, 189, 221) }
```

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

```
.border{ border-color:rgb(219, 189, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 189, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 189, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 189, 221);  
box-shadow:4px 4px 4px 4px rgb(219, 189,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 56.6757, 0.3128, 0.2932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 189, 221) }
```

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

```
.background{ background-color: rgb(219,  
189, 221) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor