

Converting Colors

Yxy(56.8433, 0.3225, 0.3091)

Have a look what the booklet for
Yxy(56.8433, 0.3225, 0.3091)
contains.

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Color

Yxy(56.8757, 0.3225, 0.3097)

Conversions

Conversions Part 1

Format	Color
Hex	DBBFD0
RGB	219, 191, 208
RGB Percent	86%, 75%, 82%
CMY	0.1413, 0.2509, 0.1842
CMYK	0.00, 0.13, 0.05, 0.14
HSL	324°, 28%, 80%
HSV	324°, 13%, 86%
XYZ	59.2264, 56.8757, 67.5456
YIQ	201.3100, 11.2310, 11.2230

Conversions

Conversions Part 2

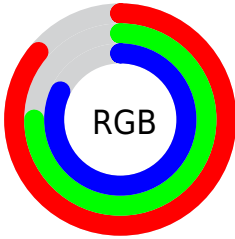
Format	Color
RYB	219, 191, 208
Decimal	14401488
CIELab	80.11, 12.80, -4.87
CIELCh	80, 13.695, 339.186
Yxy	56.8757, 0.3225, 0.3097
Android (android.graphics.Color)	4292591568 (0xFFDDBFD0)
YUV	201.3100, 3.2982, 15.5141
Hunter-Lab	75.4160, 8.2033, -0.3114

Details

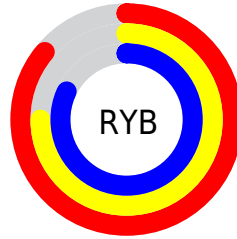
The Yxy color `56.8757, 0.3225, 0.3097` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `65.9919, 0.3040, 0.3491`, and the grayscale version is `58.5856, 0.3127, 0.3290`.

A 20% lighter version of the original color is `95.0015, 0.3131, 0.3214`, and `28.4026, 0.3247, 0.3051` is the 20% darker color. If you saturate the color by 10%, you get `47.6190, 0.3318, 0.2938`, and if you desaturate by 10%, it is `67.5882, 0.3147, 0.3249`.

Distribution



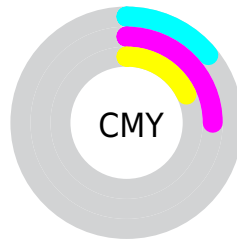
- Red (86%)
- Green (75%)
- Blue (82%)



- Red (86%)
- Yellow (75%)
- Blue (82%)



- Cyan (0%)
- Magenta (13%)
- Yellow (5%)
- Black (14%)




- Cyan (14%)
- Magenta (25%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.8757, 0.3225, 0.3097 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 56.8757, 0.3225, 0.3097 by changing the saturation by 10% instead.

 56.8757, 0.3225,
0.3097

 56.8757, 0.3225,
0.3097


412.9834, 0.3178,
0.3189

 40.9055, 0.3236,
0.3075


 100.2838, 0.3209,
0.3129

 28.2452, 0.3250,
0.3048


128.4904, 0.3202,
0.3142

 18.5106, 0.3268,
0.3013


161.5447, 0.3197,
0.3153

 11.3172, 0.3291,
0.2966

199.8309, 0.3192,
0.3162

 6.2806, 0.3325,
0.2901

243.7334, 0.3188,
0.3170

 3.0164, 0.3375,
0.2802

293.6368, 0.3184,

 1.1403, 0.3460,

0.3177

0.2635

349.9253, 0.3181,
0.3183

0.0121, 0.4699,
0.0176

0.0000, 0.0000,
0.0000

56.8757, 0.3225,
0.3097

56.8757, 0.3225,
0.3097

47.6190, 0.3318,
0.2938

67.5882, 0.3147,
0.3249

39.7470, 0.3428,
0.2777

79.8084, 0.3081,
0.3393

33.1939, 0.3556,
0.2620

92.5030, 0.3027,
0.3509

27.8858, 0.3702,
0.2475

93.0074, 0.2980,
0.3419

■ 23.7411, 0.3864,
0.2352

■ 93.5359, 0.2933,
0.3331

■ 20.6685, 0.4038,
0.2265

■ 93.7966, 0.2911,
0.3289

■ 18.5631, 0.4218,
0.2222

■ 17.2982, 0.4397,
0.2232

■ 16.7559, 0.4524,
0.2266

Harmonies

Analogous

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



56.8757, 0.3043, 0.3009



56.8757, 0.3225, 0.3097



56.8757, 0.3384, 0.3233

Triad

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



56.8757, 0.3225, 0.3097



56.8757, 0.3366, 0.3598



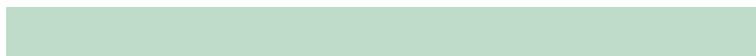
56.8757, 0.2793, 0.3177

Complementary

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



56.8757, 0.3225, 0.3097



65.9919, 0.3040, 0.3491

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.



56.8757, 0.2875, 0.3341



56.8757, 0.3225, 0.3097



56.8757, 0.3204, 0.3591

Square

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



56.8757, 0.3225, 0.3097



56.8757, 0.3466, 0.3521



56.8757, 0.3024, 0.3496



56.8757, 0.2798, 0.3050

Rectangle

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



56.8757, 0.3225, 0.3097



56.8757, 0.3453, 0.3336



56.8757, 0.3024, 0.3496



56.8757, 0.2811, 0.3230

Sweetspot

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



56.8782, 0.3225, 0.3097



93.4092, 0.3156, 0.3231



54.8988, 0.3007, 0.2963



19.7364, 0.3161, 0.3219



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.



56.8782, 0.3225, 0.3097



77.0493, 0.3246, 0.3060



56.2303, 0.3333, 0.3253



13.1839, 0.3197, 0.3149



9.9598, 0.4499, 0.2252



0.6620, 0.4233, 0.2105

Inverse Universe

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



56.8782, 0.3225, 0.3097



77.0493, 0.3246, 0.3060



66.6724, 0.2953, 0.3328



13.1839, 0.3197, 0.3149



9.9598, 0.4499, 0.2252



0.6620, 0.4233, 0.2105

Previews

White Background



This preview shows how the Yxy color 56.8757, 0.3225, 0.3097 looks on a white background.

Color Contrast Check

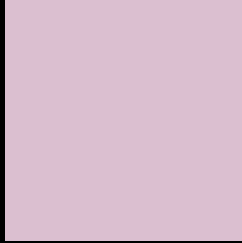
Large Text (above 18pt) WCAG AA × Fail

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 56.8757, 0.3225, 0.3097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

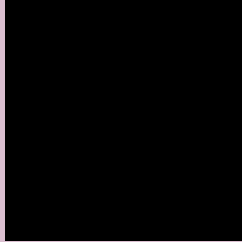
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.8757, 0.3225, 0.3097

Background



This preview shows how black text looks on a background with the Yxy color 56.8757, 0.3225, 0.3097.



This preview shows how white text looks on a background with the Yxy color 56.8757, 0.3225, 0.3097.

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

56.8757, 0.3225, 0.3097

Protanopia

57.2837, 0.3035, 0.3125

Deuteranopia

56.9901, 0.3183, 0.3118



Tritanopia

56.7779, 0.3241, 0.3120

Trichromacy



Original Color

56.8757, 0.3225, 0.3097

Protanomaly

56.8552, 0.3097, 0.3104

Deuteranomaly

56.8523, 0.3200, 0.3107

Tritanomaly

56.8267, 0.3233, 0.3108

Monochromacy



Original Color

56.8757, 0.3225, 0.3097

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.7020, 0.3163, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.8757, 0.3225, 0.3097 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, 191, 208)` looks like.

```
.text, #text, p{  
    color:rgb(219, 191, 208)  
}
```

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, 191, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 191, 208) }
```

Border

The CSS property to change the border of an element to Yxy 56.8757, 0.3225, 0.3097 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, 191, 208) }
```

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

```
.border{ border-color:rgb(219, 191, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 191, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 191, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 191, 208);  
box-shadow:4px 4px 4px 4px rgb(219, 191,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 56.8757, 0.3225, 0.3097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 191, 208) }
```

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

```
.background{ background-color: rgb(219,  
191, 208) }
```

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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