

Converting Colors

$Y_{xy}(56.7050, 0.3123, 0.2998)$

Have a look what the booklet for
Yxy(56.7050, 0.3123, 0.2998)
contains.

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Color

Yxy(56.7184, 0.3125, 0.2995)

Conversions

Conversions Part 1

Format	Color
Hex	D7BFD9
RGB	215, 191, 217
RGB Percent	84%, 75%, 85%
CMY	0.1569, 0.2510, 0.1490
CMYK	0.01, 0.12, 0.00, 0.15
HSL	295°, 25%, 80%
HSV	295°, 12%, 85%
XYZ	59.1803, 56.7184, 73.4783
YIQ	201.1400, 5.9580, 13.1740

Conversions

Conversions Part 2

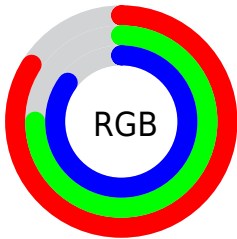
Format	Color
R _Y B	215, 191, 217
Decimal	14139353
CIE Lab	80.02, 13.07, -9.87
CIE LCh	80, 16.382, 322.936
Yxy	56.7184, 0.3125, 0.2995
Android (android.graphics.Color)	4292329433 (0xFFD7BFD9)
YUV	201.1400, 7.8190, 12.1552
Hunter-Lab	75.3116, 8.4710, -5.1285

Details

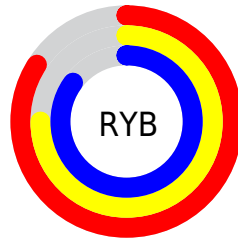
The Yxy color **56.7184, 0.3125, 0.2995** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **64.7297, 0.3127, 0.3601**, and the grayscale version is **58.4494, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0015, 0.3131, 0.3214**, and **28.2592, 0.3123, 0.2931** is the 20% darker color. If you saturate the color by 10%, you get **47.6944, 0.3121, 0.2741**, and if you desaturate by 10%, it is **67.1522, 0.3127, 0.3242**.

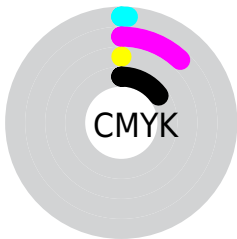
Distribution



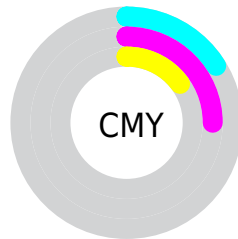
- Red (84%)
- Green (75%)
- Blue (85%)



- Red (84%)
- Yellow (75%)
- Blue (85%)



- Cyan (1%)
- Magenta (12%)
- Yellow (0%)
- Black (15%)




- Cyan (16%)
- Magenta (25%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.7184, 0.3125, 0.2995 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 56.7184, 0.3125, 0.2995 by changing the saturation by 10% instead.

 56.7184, 0.3125,
0.2995

 56.7184, 0.3125,
0.2995

412.3933, 0.3127,
0.3135

 40.7792, 0.3124,
0.2962


 100.0542, 0.3126,
0.3044

 28.1466, 0.3123,
0.2922

128.2195, 0.3126,
0.3063

 18.4362, 0.3121,
0.2869


161.2291, 0.3127,
0.3079

 11.2636, 0.3117,
0.2800

199.4672, 0.3127,
0.3093

 6.2444, 0.3112,
0.2703

243.3183, 0.3127,
0.3105

 2.9943, 0.3101,
0.2560

293.1667, 0.3127,

 1.1287, 0.3076,

0.3116

0.2325

349.3969, 0.3127,
0.3126

0.0023, 0.3161,
0.0023

0.0000, 0.0000,
0.0000

56.7184, 0.3125,
0.2995

56.7184, 0.3125,
0.2995

47.6944, 0.3121,
0.2741

67.1522, 0.3127,
0.3242

40.0114, 0.3115,
0.2488

79.0460, 0.3127,
0.3478

33.6059, 0.3107,
0.2243

91.7491, 0.3127,
0.3687

28.4061, 0.3095,
0.2017

92.0115, 0.3138,
0.3686

■ 24.3336, 0.3082,
0.1820

■ 92.2766, 0.3148,
0.3685

■ 21.3002, 0.3066,
0.1660

■ 92.5442, 0.3159,
0.3684

■ 19.2050, 0.3049,
0.1542

■ 92.8145, 0.3169,
0.3682

■ 17.9268, 0.3030,
0.1469

■ 93.0875, 0.3180,
0.3681

■ 17.3276, 0.3014,
0.1434

■ 93.3631, 0.3190,
0.3680

Harmonies

Analogous

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



56.7184, 0.2919, 0.2933



56.7184, 0.3125, 0.2995



56.7184, 0.3338, 0.3129

Triad

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



56.7184, 0.3125, 0.2995



56.7184, 0.3491, 0.3619



56.7184, 0.2770, 0.3257

Complementary

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



56.7184, 0.3125, 0.2995



64.7297, 0.3127, 0.3601

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.



56.7184, 0.2914, 0.3457



56.7184, 0.3125, 0.2995



56.7184, 0.3329, 0.3670

Square

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



56.7184, 0.3125, 0.2995



56.7184, 0.3553, 0.3483



56.7184, 0.3118, 0.3612



56.7184, 0.2719, 0.3075

Rectangle

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



56.7184, 0.3125, 0.2995



56.7184, 0.3454, 0.3244



56.7184, 0.3118, 0.3612



56.7184, 0.2809, 0.3325

Sweetspot

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



56.7208, 0.3125, 0.2995



93.5150, 0.3127, 0.3192



54.3025, 0.2939, 0.3004



19.7632, 0.3127, 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.



56.7208, 0.3125, 0.2995



78.7814, 0.3124, 0.2941



56.4807, 0.3223, 0.3117



13.2211, 0.3126, 0.3059



10.5094, 0.3017, 0.1436



0.6964, 0.3050, 0.1454

Inverse Universe

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



55.8667, 0.3326, 0.3267



77.3565, 0.3368, 0.3263



64.9629, 0.3041, 0.3470



13.0677, 0.3280, 0.3272



8.9599, 0.6312, 0.3251



0.5863, 0.6064, 0.3114

Previews

White Background



This preview shows how the Yxy color 56.7184, 0.3125, 0.2995 looks on a white background.

Color Contrast Check

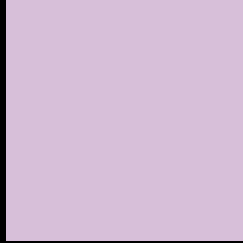
Large Text (above 18pt) WCAG AA × Fail

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 56.7184, 0.3125, 0.2995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

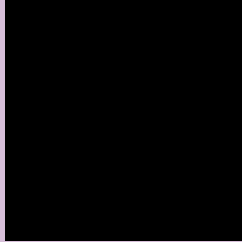
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.7184, 0.3125, 0.2995

Background



This preview shows how black text looks on a background with the Yxy color 56.7184, 0.3125, 0.2995.



This preview shows how white text looks on a background with the Yxy color 56.7184, 0.3125, 0.2995.

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

56.7184, 0.3125, 0.2995

Protanopia

56.7551, 0.2942, 0.3007

Deuteranopia

56.7050, 0.3077, 0.3014



Tritanopia

56.9901, 0.3183, 0.3118

Trichromacy



Original Color

56.7184, 0.3125, 0.2995

Protanomaly

56.7541, 0.3001, 0.2999

Deuteranomaly

56.5579, 0.3093, 0.3004

Tritanomaly

56.6986, 0.3161, 0.3073

Monochromacy



Original Color

56.7184, 0.3125, 0.2995

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.5593, 0.3125, 0.3173

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.7184, 0.3125, 0.2995 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(215, 191, 217)` looks like.

```
.text, #text, p{  
    color:rgb(215, 191, 217)  
}
```

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(215, 191, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 191, 217) }
```

Border

The CSS property to change the border of an element to Yxy 56.7184, 0.3125, 0.2995 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(215, 191, 217) }
```

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

```
.border{ border-color:rgb(215, 191, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 191, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 191, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 191, 217);  
box-shadow:4px 4px 4px 4px rgb(215, 191,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 56.7184, 0.3125, 0.2995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 191, 217) }
```

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

```
.background{ background-color: rgb(215,  
191, 217) }
```

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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