

Converting Colors

Yxy(56.6142, 0.3119, 0.2995)

Have a look what the booklet for
Yxy(56.6142, 0.3119, 0.2995)
contains.

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Color

Yxy(56.5675, 0.3117, 0.2994)

Conversions

Conversions Part 1

Format	Color
Hex	D6BFD9
RGB	214, 191, 217
RGB Percent	84%, 75%, 85%
CMY	0.1607, 0.2510, 0.1489
CMYK	0.01, 0.12, 0.00, 0.15
HSL	293°, 26%, 80%
HSV	293°, 12%, 85%
XYZ	58.8914, 56.5675, 73.4773
YIQ	200.8410, 5.3620, 12.9620

Conversions

Conversions Part 2

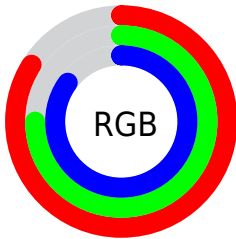
Format	Color
RYB	214, 191, 217
Decimal	14073817
CIELab	79.94, 12.74, -10.02
CIELCh	80, 16.211, 321.824
Yxy	56.5675, 0.3117, 0.2994
Android (android.graphics.Color)	4292263897 (0xFFD6BFD9)
YUV	200.8410, 7.9664, 11.5404
Hunter-Lab	75.2114, 8.1478, -5.2750

Details

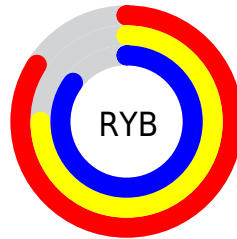
The Yxy color $56.5675, 0.3117, 0.2994$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $64.8718, 0.3134, 0.3600$, and the grayscale version is $58.2550, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.0015, 0.3131, 0.3214$, and $28.1565, 0.3112, 0.2930$ is the 20% darker color. If you saturate the color by 10%, you get $47.4197, 0.3105, 0.2738$, and if you desaturate by 10%, it is $67.1285, 0.3126, 0.3242$.

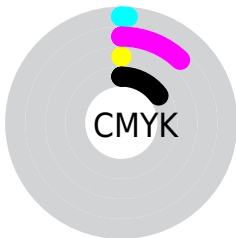
Distribution



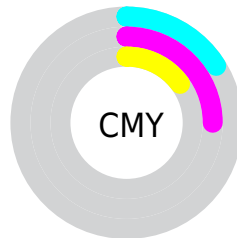
- Red (84%)
- Green (75%)
- Blue (85%)



- 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 56.5675, 0.3117, 0.2994 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 56.5675, 0.3117, 0.2994 by changing the saturation by 10% instead.


 56.5675, 0.3117,
0.2994

 56.5675, 0.3117,
0.2994

411.8267, 0.3123,
0.3134

 40.6581, 0.3115,
0.2961


 99.8338, 0.3119,
0.3043

 28.0520, 0.3113,
0.2920


127.9596, 0.3120,
0.3062

 18.3649, 0.3109,
0.2868


160.9262, 0.3121,
0.3078

 11.2123, 0.3104,
0.2798

199.1181, 0.3122,
0.3093

 6.2098, 0.3095,
0.2701

242.9197, 0.3122,
0.3105

 2.9731, 0.3080,
0.2556

292.7155, 0.3123,

 1.1177, 0.3048,

0.3116

0.2320

348.8896, 0.3123,
0.3125

0.0000, 0.3052,
0.0000

0.0000, 0.0000,
0.0000

56.5675, 0.3117,
0.2994

56.5675, 0.3117,
0.2994

47.4197, 0.3105,
0.2738

67.1285, 0.3126,
0.3242

39.6164, 0.3090,
0.2481

79.1531, 0.3132,
0.3477

33.0940, 0.3072,
0.2232

91.9902, 0.3137,
0.3686

27.7807, 0.3050,
0.1999

92.3891, 0.3152,
0.3684

■ 23.5979, 0.3026,
0.1794

■ 92.7940, 0.3168,
0.3682

■ 20.4576, 0.2998,
0.1626

■ 93.2048, 0.3184,
0.3680

■ 18.2587, 0.2969,
0.1501

■ 93.6216, 0.3200,
0.3679

■ 16.8798, 0.2940,
0.1419

■ 94.0444, 0.3216,
0.3677

■ 16.2027, 0.2916,
0.1380

■ 94.4732, 0.3232,
0.3675

Harmonies

Analogous

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



56.5675, 0.2914, 0.2936



56.5675, 0.3117, 0.2994



56.5675, 0.3329, 0.3125

Triad

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



56.5675, 0.3117, 0.2994



56.5675, 0.3491, 0.3613



56.5675, 0.2777, 0.3265

Complementary

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



56.5675, 0.3117, 0.2994



64.8718, 0.3134, 0.3600

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.



56.5675, 0.2923, 0.3463



56.5675, 0.3117, 0.2994



56.5675, 0.3335, 0.3667

Square

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



56.5675, 0.3117, 0.2994



56.5675, 0.3549, 0.3475



56.5675, 0.3126, 0.3613



56.5675, 0.2723, 0.3083

Rectangle

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



56.5675, 0.3117, 0.2994



56.5675, 0.3445, 0.3238



56.5675, 0.3126, 0.3613



56.5675, 0.2816, 0.3332

Sweetspot

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



56.5699, 0.3117, 0.2994



93.4405, 0.3124, 0.3192



54.6865, 0.2939, 0.3015



19.7443, 0.3124, 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.



56.5699, 0.3117, 0.2994



78.5238, 0.3115, 0.2940



56.5241, 0.3217, 0.3107



13.1943, 0.3119, 0.3058



9.8355, 0.2920, 0.1382



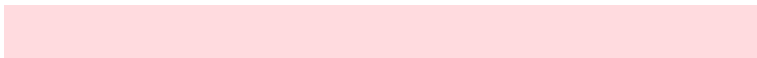
0.6594, 0.2970, 0.1410

Inverse Universe

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



55.9124, 0.3319, 0.3256



77.4309, 0.3358, 0.3249



64.9313, 0.3047, 0.3481



13.0759, 0.3273, 0.3263



8.9807, 0.6252, 0.3218



0.5902, 0.5912, 0.3031

Previews

White Background



This preview shows how the Yxy color 56.5675, 0.3117, 0.2994 looks on a white background.

Color Contrast Check

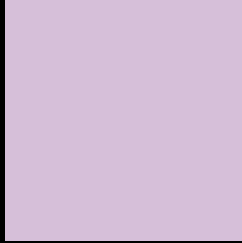
Large Text (above 18pt) WCAG AA × Fail

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 56.5675, 0.3117, 0.2994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

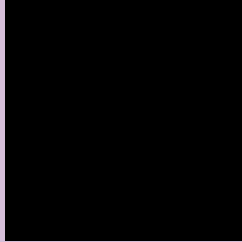
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.5675, 0.3117, 0.2994

Background



This preview shows how black text looks on a background with the Yxy color 56.5675, 0.3117, 0.2994.



This preview shows how white text looks on a background with the Yxy color 56.5675, 0.3117, 0.2994.

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

56.5675, 0.3117, 0.2994

Protanopia

56.7551, 0.2942, 0.3007

Deuteranopia

56.7050, 0.3077, 0.3014



Tritanopia

56.8401, 0.3175, 0.3117

Trichromacy



Original Color

56.5675, 0.3117, 0.2994

Protanomaly

56.7541, 0.3001, 0.2999

Deuteranomaly

56.5579, 0.3093, 0.3004

Tritanomaly

56.5486, 0.3153, 0.3072

Monochromacy



Original Color

56.5675, 0.3117, 0.2994

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 56.5675, 0.3117, 0.2994 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(214, 191, 217)` looks like.

```
.text, #text, p{  
    color:rgb(214, 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(214, 191, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 191, 217) }
```

Border

The CSS property to change the border of an element to Yxy 56.5675, 0.3117, 0.2994 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(214, 191, 217) }
```

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

```
.border{ border-color:rgb(214, 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(214, 191, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 191, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 191, 217);  
box-shadow:4px 4px 4px 4px rgb(214, 191,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5675, 0.3117, 0.2994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 191, 217) }
```

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

```
.background{ background-color: rgb(214,  
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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