

Converting Colors

$Yxy(56.6131, 0.3013, 0.2775)$

Have a look what the booklet for
Yxy(56.6131, 0.3013, 0.2775)
contains.

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Color

Yxy(56.7163, 0.3010, 0.2772)

Conversions

Conversions Part 1

Format	Color
Hex	D9BCEB
RGB	217, 188, 235
RGB Percent	85%, 74%, 92%
CMY	0.1492, 0.2627, 0.0784
CMYK	0.08, 0.20, 0.00, 0.08
HSL	277°, 54%, 83%
HSV	277°, 20%, 92%
XYZ	61.5859, 56.7163, 86.3021
YIQ	202.0290, 2.1970, 20.7650

Conversions

Conversions Part 2

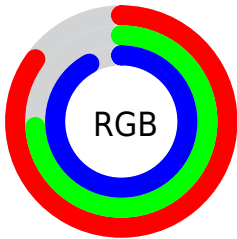
Format	Color
R _Y B	217, 188, 235
Decimal	14269675
CIE Lab	80.02, 18.79, -19.54
CIE LCh	80, 27.105, 313.874
Yxy	56.7163, 0.3010, 0.2772
Android (android.graphics.Color)	4292459755 (0xFFD9BCEB)
YUV	202.0290, 16.2547, 13.1296
Hunter-Lab	75.3102, 14.1777, -15.2265

Details

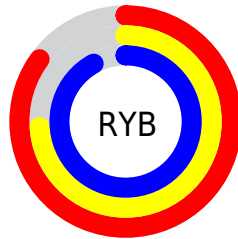
The Yxy color **56.7163, 0.3010, 0.2772** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **76.1820, 0.3224, 0.3822**, and the grayscale version is **58.9768, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1814, 0.3132, 0.3185**, and **28.2640, 0.2979, 0.2656** is the 20% darker color. If you saturate the color by 10%, you get **46.1361, 0.2936, 0.2492**, and if you desaturate by 10%, it is **69.0118, 0.3074, 0.3040**.

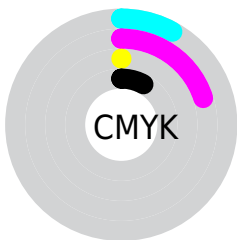
Distribution



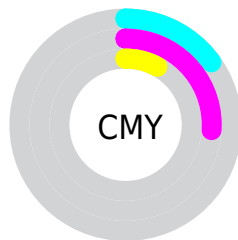
- Red (85%)
- Green (74%)
- Blue (92%)



- Red (85%)
- Yellow (74%)
- Blue (92%)



- Cyan (8%)
- Magenta (20%)
- Yellow (0%)
- Black (8%)





- Cyan (15%)
- Magenta (26%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.7163, 0.3010, 0.2772 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 56.7163, 0.3010, 0.2772 by changing the saturation by 10% instead.

 56.7163, 0.3010,
0.2772

 56.7163, 0.3010,
0.2772


412.3854, 0.3070,
0.3013

 40.7775, 0.2995,
0.2717


 100.0511, 0.3032,
0.2856

 28.1453, 0.2976,
0.2649


128.2159, 0.3040,
0.2888

 18.4352, 0.2950,
0.2562


161.2249, 0.3047,
0.2916

 11.2629, 0.2915,
0.2450

199.4623, 0.3053,
0.2941

 6.2439, 0.2863,
0.2296

243.3127, 0.3058,
0.2962

 2.9940, 0.2782,
0.2078

293.1605, 0.3062,

 1.1286, 0.2638,

0.2981

0.1744

349.3899, 0.3066,
0.2998

0.0022, 0.2437,
0.0012

0.0000, 0.0000,
0.0000

56.7163, 0.3010,
0.2772

56.7163, 0.3010,
0.2772

46.1361, 0.2936,
0.2492

69.0118, 0.3074,
0.3040

37.1838, 0.2852,
0.2207

83.0901, 0.3127,
0.3290

29.7750, 0.2759,
0.1927

96.7578, 0.3174,
0.3487

23.8145, 0.2658,
0.1665

98.4121, 0.3232,
0.3484

■ 19.1966, 0.2554,
0.1434

■ 98.7785, 0.3244,
0.3483

■ 15.8003, 0.2449,
0.1245

■ 13.4820, 0.2349,
0.1107

■ 11.9979, 0.2254,
0.1016

■ 11.9972, 0.2254,
0.1015

Harmonies

Analogous

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



56.7163, 0.2698, 0.2709



56.7163, 0.3010, 0.2772



56.7163, 0.3371, 0.2954

Triad

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



56.7163, 0.3010, 0.2772



56.7163, 0.3779, 0.3767



56.7163, 0.2599, 0.3330

Complementary

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



56.7163, 0.3010, 0.2772



76.1820, 0.3224, 0.3822

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.



56.7163, 0.2866, 0.3664



56.7163, 0.3010, 0.2772



56.7163, 0.3549, 0.3915

Square

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



56.7163, 0.3010, 0.2772



56.7163, 0.3830, 0.3509



56.7163, 0.3212, 0.3885



56.7163, 0.2472, 0.3007

Rectangle

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



56.7163, 0.3010, 0.2772



56.7163, 0.3589, 0.3123



56.7163, 0.3212, 0.3885



56.7163, 0.2675, 0.3447

Sweetspot

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



56.7187, 0.3010, 0.2772



89.5264, 0.3096, 0.3141



61.2273, 0.2808, 0.2964



18.9286, 0.3092, 0.3125



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.



56.7187, 0.3010, 0.2772



62.7869, 0.2981, 0.2658



59.3677, 0.3186, 0.2841



15.0083, 0.3077, 0.3053



6.7523, 0.2269, 0.1023



0.5853, 0.2398, 0.1094

Inverse Universe

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



58.0964, 0.3376, 0.3094



64.7800, 0.3440, 0.3051



73.9512, 0.3073, 0.3785



15.1498, 0.3233, 0.3200



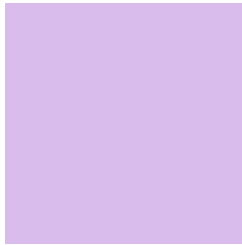
10.2660, 0.5440, 0.2770



0.8244, 0.5066, 0.2565

Previews

White Background



This preview shows how the Yxy color 56.7163, 0.3010, 0.2772 looks on a white background.

Color Contrast Check

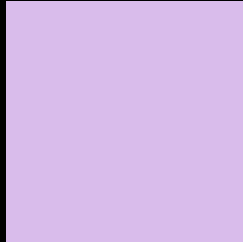
Large Text (above 18pt) WCAG AA × Fail

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 56.7163, 0.3010, 0.2772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

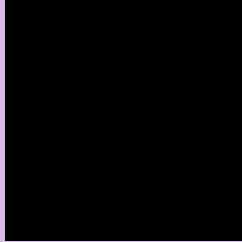
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.7163, 0.3010, 0.2772

Background



This preview shows how black text looks on a background with the Yxy color 56.7163, 0.3010, 0.2772.



This preview shows how white text looks on a background with the Yxy color 56.7163, 0.3010, 0.2772.

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

56.7163, 0.3010, 0.2772

Protanopia

57.1022, 0.2770, 0.2783

Deuteranopia

56.9416, 0.2898, 0.2834



Tritanopia

56.8401, 0.3175, 0.3117

Trichromacy



Original Color

56.7163, 0.3010, 0.2772

Protanomaly

56.9577, 0.2851, 0.2779

Deuteranomaly

56.9052, 0.2942, 0.2817

Tritanomaly

56.6197, 0.3110, 0.2983

Monochromacy



Original Color

56.7163, 0.3010, 0.2772

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.0529, 0.3082, 0.3093

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.7163, 0.3010, 0.2772 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, 188, 235)` looks like.

```
.text, #text, p{  
    color:rgb(217, 188, 235)  
}
```

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, 188, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 188, 235) }
```

Border

The CSS property to change the border of an element to Yxy 56.7163, 0.3010, 0.2772 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, 188, 235) }
```

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

```
.border{ border-color:rgb(217, 188, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 188, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 188, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 188, 235);  
box-shadow:4px 4px 4px 4px rgb(217, 188,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 56.7163, 0.3010, 0.2772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 188, 235) }
```

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

```
.background{ background-color: rgb(217,  
188, 235) }
```

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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