

Converting Colors

Yxy(58.3463, 0.2946, 0.2752)

Have a look what the booklet for
Yxy(58.3463, 0.2946, 0.2752)
contains.

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Color

Yxy(58.3463, 0.2946, 0.2752)

Conversions

Conversions Part 1

Format	Color
Hex	D6C0F1
RGB	214, 192, 241
RGB Percent	84%, 75%, 95%
CMY	0.1608, 0.2470, 0.0548
CMYK	0.11, 0.20, 0.00, 0.05
HSL	267°, 64%, 85%
HSV	267°, 20%, 95%
XYZ	62.4594, 58.3463, 91.2085
YIQ	204.1640, -2.6170, 19.9030

Conversions

Conversions Part 2

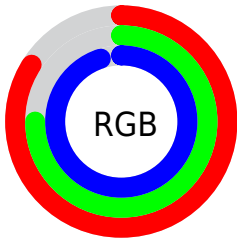
Format	Color
R _Y B	214, 192, 241
Decimal	14074097
CIE Lab	80.93, 16.89, -21.41
CIE LCh	81, 27.274, 308.275
Yxy	58.3463, 0.2946, 0.2752
Android (android.graphics.Color)	4292264177 (0xFFD6C0F1)
YUV	204.1640, 18.1601, 8.6262
Hunter-Lab	76.3847, 12.2851, -17.3269

Details

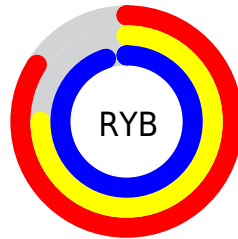
The Yxy color **58.3463, 0.2946, 0.2752** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.7978, 0.3281, 0.3823**, and the grayscale version is **60.3783, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6148, 0.3130, 0.3223**, and **29.0507, 0.2896, 0.2617** is the 20% darker color. If you saturate the color by 10%, you get **46.6977, 0.2836, 0.2458**, and if you desaturate by 10%, it is **71.8962, 0.3042, 0.3028**.

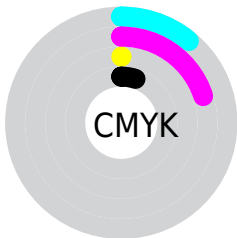
Distribution



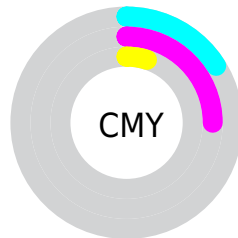
- Red (84%)
- Green (75%)
- Blue (95%)



- Red (84%)
- Yellow (75%)
- Blue (95%)



- Cyan (11%)
- Magenta (20%)
- Yellow (0%)
- Black (5%)




- Cyan (16%)
- Magenta (25%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.3463, 0.2946, 0.2752 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 58.3463, 0.2946, 0.2752 by changing the saturation by 10% instead.


 58.3463, 0.2946,
0.2752

 58.3463, 0.2946,
0.2752


418.4751, 0.3036,
0.3001

 42.0871, 0.2924,
0.2695


 102.4270, 0.2978,
0.2838

 29.1695, 0.2896,
0.2625


131.0173, 0.2990,
0.2872

 19.2091, 0.2860,
0.2537


164.4867, 0.3001,
0.2901

 11.8215, 0.2811,
0.2422

203.2197, 0.3010,
0.2926

 6.6222, 0.2741,
0.2267

247.6006, 0.3018,
0.2948

 3.2270, 0.2634,
0.2047


298.0139, 0.3024,

 1.2514, 0.2453,


0.2968

0.1717

354.8439, 0.3030,
0.2985

 0.1031, 0.2147,
0.0434


 0.0000, 0.0000,
0.0000


 58.3463, 0.2946,
0.2752


 58.3463, 0.2946,
0.2752


 46.6977, 0.2836,
0.2458


 71.8962, 0.3042,
0.3028


 36.8548, 0.2712,
0.2153

 87.4223, 0.3125,
0.3282

 28.7248, 0.2576,
0.1848

 98.9182, 0.3201,
0.3425

 22.2034, 0.2433,
0.1557

 99.1324, 0.3208,
0.3424

■ 17.1744, 0.2288,
0.1297

■ 13.5051, 0.2147,
0.1083

■ 11.0382, 0.2019,
0.0926

■ 9.5476, 0.1911,
0.0826

Harmonies

Analogous

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



58.3463, 0.2654, 0.2715



58.3463, 0.2946, 0.2752



58.3463, 0.3304, 0.2913

Triad

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



58.3463, 0.2946, 0.2752



58.3463, 0.3801, 0.3723



58.3463, 0.2641, 0.3395

Complementary

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



58.3463, 0.2946, 0.2752



81.7978, 0.3281, 0.3823

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.



58.3463, 0.2928, 0.3716



58.3463, 0.2946, 0.2752



58.3463, 0.3601, 0.3897

Square

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



58.3463, 0.2946, 0.2752



58.3463, 0.3814, 0.3454



58.3463, 0.3279, 0.3904



58.3463, 0.2486, 0.3063

Rectangle

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



58.3463, 0.2946, 0.2752



58.3463, 0.3531, 0.3073



58.3463, 0.3279, 0.3904



58.3463, 0.2725, 0.3510

Sweetspot

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



58.3487, 0.2946, 0.2752



89.0584, 0.3079, 0.3141



68.6322, 0.2808, 0.3051



18.8180, 0.3074, 0.3124



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.



58.3487, 0.2946, 0.2752



61.1262, 0.2906, 0.2644



62.1889, 0.3126, 0.2781



15.5758, 0.3050, 0.3051



5.2537, 0.1928, 0.0836



0.4953, 0.2074, 0.0916

Inverse Universe

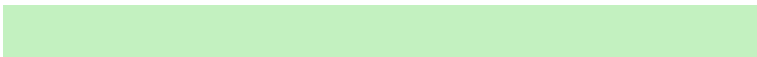
The Inverse Universe completely reimagines the original color for something new.



61.5230, 0.3317, 0.3004



65.3310, 0.3360, 0.2949



78.3704, 0.3122, 0.3850



15.9048, 0.3207, 0.3161



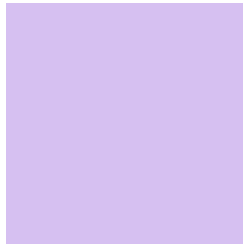
11.0854, 0.4741, 0.2385



0.9422, 0.4484, 0.2244

Previews

White Background



This preview shows how the Yxy color 58.3463, 0.2946, 0.2752 looks on a white background.

Color Contrast Check

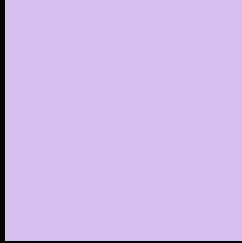
Large Text (above 18pt) WCAG AA × Fail

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 58.3463, 0.2946, 0.2752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

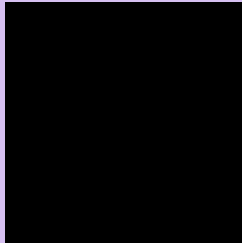
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.3463, 0.2946, 0.2752

Background



This preview shows how black text looks on a background with the Yxy color 58.3463, 0.2946, 0.2752.



This preview shows how white text looks on a background with the Yxy color 58.3463, 0.2946, 0.2752.

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

58.3463, 0.2946, 0.2752

Protanopia

58.4478, 0.2748, 0.2755

Deuteranopia

58.1886, 0.2859, 0.2794



Tritanopia

58.2919, 0.3105, 0.3106

Trichromacy



Original Color

58.3463, 0.2946, 0.2752

Protanomaly

58.1536, 0.2820, 0.2750

Deuteranomaly

58.4433, 0.2895, 0.2788

Tritanomaly

58.2068, 0.3049, 0.2973

Monochromacy



Original Color

58.3463, 0.2946, 0.2752

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.7282, 0.3067, 0.3095

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.3463, 0.2946, 0.2752 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, 192, 241)` looks like.

```
.text, #text, p{  
    color:rgb(214, 192, 241)  
}
```

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, 192, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 192, 241) }
```

Border

The CSS property to change the border of an element to Yxy 58.3463, 0.2946, 0.2752 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, 192, 241) }
```

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

```
.border{ border-color:rgb(214, 192, 241) }
```

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

Here you see how a box with a 4 pixel rgb(214, 192, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 192, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 192, 241);  
box-shadow:4px 4px 4px 4px rgb(214, 192,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 58.3463, 0.2946, 0.2752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 192, 241) }
```

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

```
.background{ background-color: rgb(214,  
192, 241) }
```

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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