

Converting Colors

Yxy(52.6814, 0.2970, 0.2734)

Have a look what the booklet for
Yxy(52.6814, 0.2970, 0.2734)
contains.

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Color

Yxy(52.6353, 0.2969, 0.2734)

Conversions

Conversions Part 1

Format	Color
Hex	D0B6E7
RGB	208, 182, 231
RGB Percent	82%, 71%, 91%
CMY	0.1843, 0.2862, 0.0942
CMYK	0.10, 0.21, 0.00, 0.09
HSL	272°, 50%, 81%
HSV	272°, 21%, 91%
XYZ	57.1595, 52.6353, 82.7264
YIQ	195.3600, -0.2330, 20.7510

Conversions

Conversions Part 2

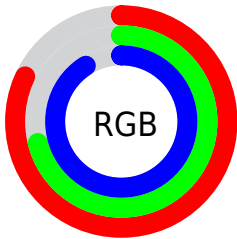
Format	Color
R _Y B	208, 182, 231
Decimal	13678311
CIE Lab	77.66, 18.34, -21.02
CIE LCh	78, 27.891, 311.104
Yxy	52.6353, 0.2969, 0.2734
Android (android.graphics.Color)	4291868391 (0xFFD0B6E7)
YUV	195.3600, 17.5705, 11.0853
Hunter-Lab	72.5502, 13.6706, -16.8211

Details

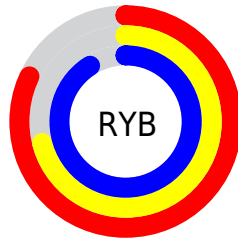
The Yxy color $52.6353, 0.2969, 0.2734$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $73.4909, 0.3258, 0.3851$, and the grayscale version is $54.6928, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.6291, 0.3135, 0.3127$, and $25.5680, 0.2923, 0.2602$ is the 20% darker color. If you saturate the color by 10%, you get $42.4260, 0.2875, 0.2446$, and if you desaturate by 10%, it is $64.5166, 0.3050, 0.3007$.

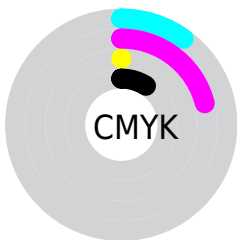
Distribution



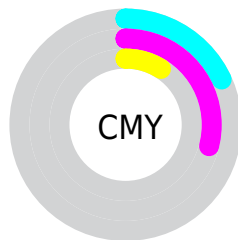
- Red (82%)
- Green (71%)
- Blue (91%)



- Red (82%)
- Yellow (71%)
- Blue (91%)



- Cyan (10%)
- Magenta (21%)
- Yellow (0%)
- Black (9%)





- Cyan (18%)
- Magenta (29%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.6353, 0.2969, 0.2734 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 52.6353, 0.2969, 0.2734 by changing the saturation by 10% instead.


 52.6353, 0.2969,
0.2734

 52.6353, 0.2969,
0.2734


396.8843, 0.3050,
0.2995

 37.5117, 0.2949,
0.2673


 94.0675, 0.2998,
0.2825

 25.6039, 0.2923,
0.2598


121.1449, 0.3009,
0.2861

 16.5276, 0.2888,
0.2503


152.9757, 0.3019,
0.2891

 9.8982, 0.2840,
0.2377

189.9443, 0.3027,
0.2917

 5.3315, 0.2770,
0.2205

232.4350, 0.3034,
0.2941

 2.4431, 0.2658,
0.1957

280.8324, 0.3040,

 0.8479, 0.2459,

0.2961

0.1574

335.5207, 0.3045,
0.2979

0.0000, 0.1432,
0.0000

0.0000, 0.0000,
0.0000

52.6353, 0.2969,
0.2734

52.6353, 0.2969,
0.2734

42.4260, 0.2875,
0.2446

64.5166, 0.3050,
0.3007

33.8036, 0.2770,
0.2151

78.1366, 0.3120,
0.3261

26.6852, 0.2654,
0.1860

93.5663, 0.3178,
0.3493

20.9775, 0.2531,
0.1585

97.8623, 0.3244,
0.3524

■ 16.5766, 0.2404,
0.1342

■ 98.5479, 0.3268,
0.3523

■ 13.3633, 0.2280,
0.1145

■ 11.1956, 0.2164,
0.1001

■ 9.9483, 0.2071,
0.0914

Harmonies

Analogous

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



52.6353, 0.2651, 0.2681



52.6353, 0.2969, 0.2734



52.6353, 0.3350, 0.2914

Triad

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



52.6353, 0.2969, 0.2734



52.6353, 0.3828, 0.3769



52.6353, 0.2592, 0.3366

Complementary

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



52.6353, 0.2969, 0.2734



73.4909, 0.3258, 0.3851

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.



52.6353, 0.2882, 0.3715



52.6353, 0.2969, 0.2734



52.6353, 0.3599, 0.3942

Square

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



52.6353, 0.2969, 0.2734



52.6353, 0.3863, 0.3490



52.6353, 0.3251, 0.3932



52.6353, 0.2444, 0.3018

Rectangle

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



52.6353, 0.2969, 0.2734



52.6353, 0.3585, 0.3087



52.6353, 0.3251, 0.3932



52.6353, 0.2675, 0.3489

Sweetspot

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



52.6375, 0.2969, 0.2734



89.2873, 0.3088, 0.3141



59.7007, 0.2791, 0.2991



18.8721, 0.3083, 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.



52.6375, 0.2969, 0.2734



60.6118, 0.2934, 0.2622



56.1664, 0.3158, 0.2772



14.2618, 0.3063, 0.3053



5.6533, 0.2087, 0.0923



0.4729, 0.2241, 0.1008

Inverse Universe

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



54.8516, 0.3359, 0.3036



63.8600, 0.3413, 0.2986



70.4939, 0.3095, 0.3869



14.4800, 0.3219, 0.3180



10.1606, 0.5084, 0.2574



0.7695, 0.4739, 0.2384

Previews

White Background



This preview shows how the Yxy color 52.6353, 0.2969, 0.2734 looks on a white background.

Color Contrast Check

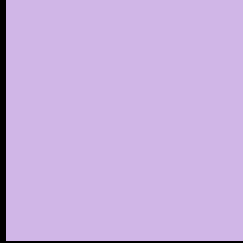
Large Text (above 18pt) WCAG AA × Fail

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 52.6353, 0.2969, 0.2734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

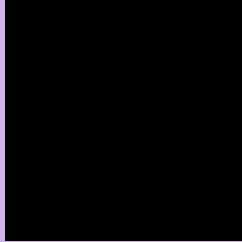
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.6353, 0.2969, 0.2734

Background



This preview shows how black text looks on a background with the Yxy color 52.6353, 0.2969, 0.2734.



This preview shows how white text looks on a background with the Yxy color 52.6353, 0.2969, 0.2734.

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

52.6353, 0.2969, 0.2734

Protanopia

52.7651, 0.2733, 0.2733

Deuteranopia

52.8861, 0.2856, 0.2797



Tritanopia

52.5014, 0.3144, 0.3111

Trichromacy



Original Color

52.6353, 0.2969, 0.2734

Protanomaly

52.6152, 0.2814, 0.2730

Deuteranomaly

52.8367, 0.2900, 0.2779

Tritanomaly

52.4812, 0.3077, 0.2961

Monochromacy



Original Color

52.6353, 0.2969, 0.2734

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.6603, 0.3073, 0.3075

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.6353, 0.2969, 0.2734 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(208, 182, 231)` looks like.

```
.text, #text, p{  
    color:rgb(208, 182, 231)  
}
```

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(208, 182, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 182, 231) }
```

Border

The CSS property to change the border of an element to Yxy 52.6353, 0.2969, 0.2734 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(208, 182, 231) }
```

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

```
.border{ border-color:rgb(208, 182, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 182, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 182, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 182, 231);  
box-shadow:4px 4px 4px 4px rgb(208, 182,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 52.6353, 0.2969, 0.2734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 182, 231) }
```

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

```
.background{ background-color: rgb(208,  
182, 231) }
```

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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