

Converting Colors

Yxy(52.4440, 0.3054, 0.2714)

Have a look what the booklet for
Yxy(52.4440, 0.3054, 0.2714)
contains.

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Color

Yxy(52.4594, 0.3056, 0.2712)

Conversions

Conversions Part 1

Format	Color
Hex	DAB2E6
RGB	218, 178, 230
RGB Percent	85%, 70%, 90%
CMY	0.1451, 0.3019, 0.0981
CMYK	0.05, 0.23, 0.00, 0.10
HSL	286°, 51%, 80%
HSV	286°, 23%, 90%
XYZ	59.1135, 52.4594, 81.8614
YIQ	195.8880, 7.1480, 24.6520

Conversions

Conversions Part 2

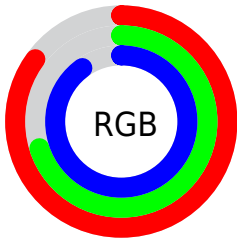
Format	Color
R _{YB}	218, 178, 230
Decimal	14332646
CIE _{Lab}	77.55, 23.54, -20.56
CIE _{LCh}	78, 31.255, 318.870
Yxy	52.4594, 0.3056, 0.2712
Android (android.graphics.Color)	4292522726 (0xFFDAB2E6)
YUV	195.8880, 16.8172, 19.3922
Hunter-Lab	72.4289, 18.9341, -16.3113

Details

The Yxy color **52.4594, 0.3056, 0.2712** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **70.7474, 0.3179, 0.3907**, and the grayscale version is **55.0263, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.3256, 0.3137, 0.3088**, and **25.5098, 0.3039, 0.2578** is the 20% darker color. If you saturate the color by 10%, you get **43.2585, 0.3014, 0.2444**, and if you desaturate by 10%, it is **63.2252, 0.3091, 0.2975**.

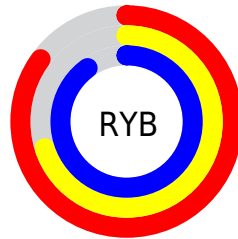
Distribution



Red (85%)

Green (70%)

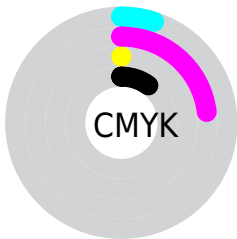
Blue (90%)



Red (85%)

Yellow (70%)

Blue (90%)

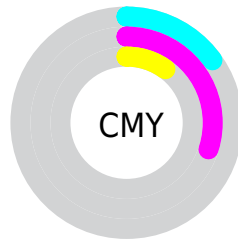


Cyan (5%)

Magenta (23%)

Yellow (0%)

Black (10%)



Cyan (15%)

Magenta (30%)

Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.4594, 0.3056, 0.2712 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 52.4594, 0.3056, 0.2712 by changing the saturation by 10% instead.

 52.4594, 0.3056,
0.2712

 52.4594, 0.3056,
0.2712


396.2076, 0.3095,
0.2982

 37.3714, 0.3045,
0.2650


 93.8084, 0.3071,
0.2806

 25.4952, 0.3031,
0.2573


120.8382, 0.3076,
0.2843

 16.4464, 0.3012,
0.2475


152.6173, 0.3081,
0.2874

 9.8406, 0.2984,
0.2346

189.5303, 0.3085,
0.2902

 5.2934, 0.2942,
0.2172

231.9614, 0.3088,
0.2925

 2.4204, 0.2871,
0.1921

280.2950, 0.3091,

 0.8364, 0.2735,

0.2947

0.1538

334.9156, 0.3093,
0.2966

0.0000, 0.2158,
0.0000

0.0000, 0.0000,
0.0000

52.4594, 0.3056,
0.2712

52.4594, 0.3056,
0.2712

43.2585, 0.3014,
0.2444

63.2252, 0.3091,
0.2975

35.5391, 0.2966,
0.2179

75.6206, 0.3120,
0.3227

29.2201, 0.2913,
0.1929

89.7146, 0.3144,
0.3463

24.2101, 0.2854,
0.1703

95.6209, 0.3173,
0.3540

■ 20.4063, 0.2792,
0.1513

■ 96.5591, 0.3207,
0.3537

■ 17.6906, 0.2730,
0.1367

■ 97.5246, 0.3241,
0.3535

■ 15.9203, 0.2668,
0.1268

■ 98.4924, 0.3274,
0.3532

■ 15.0513, 0.2623,
0.1219

Harmonies

Analogous

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



52.4594, 0.2674, 0.2612



52.4594, 0.3056, 0.2712



52.4594, 0.3483, 0.2941

Triad

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



52.4594, 0.3056, 0.2712



52.4594, 0.3864, 0.3888



52.4594, 0.2469, 0.3265

Complementary

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



52.4594, 0.3056, 0.2712



70.7474, 0.3179, 0.3907

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.



52.4594, 0.2755, 0.3675



52.4594, 0.3056, 0.2712



52.4594, 0.3560, 0.4042

Square

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



52.4594, 0.3056, 0.2712



52.4594, 0.3967, 0.3595



52.4594, 0.3153, 0.3973



52.4594, 0.2354, 0.2898

Rectangle

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



52.4594, 0.3056, 0.2712



52.4594, 0.3729, 0.3145



52.4594, 0.3153, 0.3973



52.4594, 0.2548, 0.3404

Sweetspot

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



52.4616, 0.3056, 0.2712



88.3626, 0.3108, 0.3117



52.0649, 0.2756, 0.2809



18.7090, 0.3106, 0.3102



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.



52.4616, 0.3056, 0.2712



60.7721, 0.3038, 0.2590



53.6295, 0.3264, 0.2871



14.4388, 0.3101, 0.3056



8.5801, 0.2633, 0.1224



0.6749, 0.2721, 0.1272

Inverse Universe

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



52.3829, 0.3485, 0.3155



60.7069, 0.3579, 0.3127



69.8516, 0.3014, 0.3749



14.4222, 0.3256, 0.3236



9.6856, 0.5983, 0.3070



0.7298, 0.5574, 0.2844

Previews

White Background



This preview shows how the Yxy color 52.4594, 0.3056, 0.2712 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 52.4594, 0.3056, 0.2712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

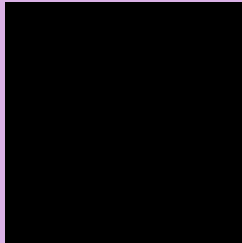
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.4594, 0.3056, 0.2712

Background



This preview shows how black text looks on a background with the Yxy color 52.4594, 0.3056, 0.2712.



This preview shows how white text looks on a background with the Yxy color 52.4594, 0.3056, 0.2712.

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

52.4594, 0.3056, 0.2712

Protanopia

52.7033, 0.2720, 0.2721

Deuteranopia

52.4795, 0.2876, 0.2807



Tritanopia

52.5043, 0.3261, 0.3126

Trichromacy



Original Color

52.4594, 0.3056, 0.2712

Protanomaly

52.5853, 0.2836, 0.2721

Deuteranomaly

52.4947, 0.2937, 0.2771

Tritanomaly

52.5561, 0.3184, 0.2968

Monochromacy



Original Color

52.4594, 0.3056, 0.2712

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

53.7866, 0.3105, 0.3066

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.4594, 0.3056, 0.2712 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(218, 178, 230)` looks like.

```
.text, #text, p{  
    color:rgb(218, 178, 230)  
}
```

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(218, 178, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 178, 230) }
```

Border

The CSS property to change the border of an element to Yxy 52.4594, 0.3056, 0.2712 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(218, 178, 230) }
```

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

```
.border{ border-color:rgb(218, 178, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 178, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 178, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 178, 230);  
box-shadow:4px 4px 4px 4px rgb(218, 178,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 52.4594, 0.3056, 0.2712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 178, 230) }
```

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

```
.background{ background-color: rgb(218,  
178, 230) }
```

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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