

Converting Colors

Yxy(43.6606, 0.3254, 0.2685)

Have a look what the booklet for
Yxy(43.6606, 0.3254, 0.2685)
contains.

Yxy(43.5960, 0.3257, 0.2684)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(43.5960, 0.3257, 0.2684)

Conversions

Conversions Part 1

Format	Color
Hex	DC9CD1
RGB	220, 156, 209
RGB Percent	86%, 61%, 82%
CMY	0.1374, 0.3881, 0.1805
CMYK	0.00, 0.29, 0.05, 0.14
HSL	310°, 48%, 74%
HSV	310°, 29%, 86%
XYZ	52.9032, 43.5960, 65.9300
YIQ	181.1780, 21.1310, 30.0510

Conversions

Conversions Part 2

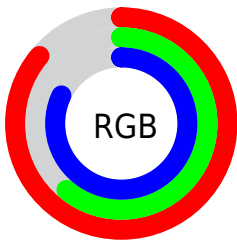
Format	Color
R _Y B	220, 156, 209
Decimal	14458065
CIE Lab	71.96, 32.17, -17.55
CIE LCh	72, 36.642, 331.382
Yxy	43.5960, 0.3257, 0.2684
Android (android.graphics.Color)	4292648145 (0xFFDC9CD1)
YUV	181.1780, 13.7162, 34.0469
Hunter-Lab	66.0273, 27.4723, -12.9836

Details

The Yxy color **43.5960, 0.3257, 0.2684** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **61.0333, 0.3020, 0.3983**, and the grayscale version is **46.2259, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.0685, 0.3147, 0.2861**, and **20.1262, 0.3290, 0.2538** is the 20% darker color. If you saturate the color by 10%, you get **36.6854, 0.3313, 0.2476**, and if you desaturate by 10%, it is **51.8517, 0.3207, 0.2896**.

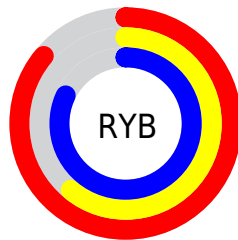
Distribution



Red (86%)

Green (61%)

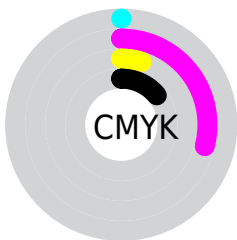
Blue (82%)



Red (86%)

Yellow (61%)

Blue (82%)

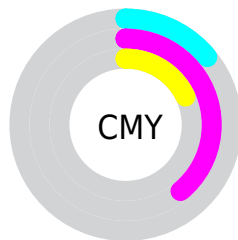


Cyan (0%)

Magenta (29%)

Yellow (5%)

Black (14%)



Cyan (14%)


Magenta (39%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.5960, 0.3257, 0.2684 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 43.5960, 0.3257, 0.2684 by changing the saturation by 10% instead.


 43.5960, 0.3257,
0.2684

 43.5960, 0.3257,
0.2684


361.0571, 0.3198,
0.2975

 30.3530, 0.3270,
0.2615


 80.6095, 0.3237,
0.2787

 20.1067, 0.3286,
0.2529


 105.1488, 0.3229,
0.2826

 12.4726, 0.3305,
0.2418

134.2223, 0.3222,
0.2860

 7.0664, 0.3329,
0.2269

168.2144, 0.3216,
0.2889

 3.5037, 0.3358,
0.2062

207.5096, 0.3211,
0.2915

 1.4000, 0.3393,
0.1755

252.4922, 0.3206,

 0.2167, 0.3610,

0.2937

0.0782

303.5465, 0.3202,
0.2957

0.0000, 0.0000,
0.0000

43.5960, 0.3257,
0.2684

43.5960, 0.3257,
0.2684

36.6854, 0.3313,
0.2476

51.8517, 0.3207,
0.2896

31.0420, 0.3374,
0.2282

61.5137, 0.3162,
0.3106

26.5887, 0.3439,
0.2111


72.6460, 0.3124,
0.3308

23.2374, 0.3506,
0.1973


85.3074, 0.3091,
0.3500

20.8883, 0.3573,
0.1876

92.3269, 0.3065,
0.3571

 19.4230, 0.3638,
0.1824


 92.5392, 0.3044,
0.3531

 18.6533, 0.3699,
0.1815

 92.7562, 0.3023,
0.3491

 18.5945, 0.3705,
0.1815

 92.9778, 0.3002,
0.3451

 93.2041, 0.2982,
0.3412

Harmonies

Analogous

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



43.5960, 0.2745, 0.2492



43.5960, 0.3257, 0.2684



43.5960, 0.3772, 0.3009

Triad

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



43.5960, 0.3257, 0.2684



43.5960, 0.3902, 0.4134



43.5960, 0.2233, 0.3042

Complementary

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



43.5960, 0.3257, 0.2684



61.0333, 0.3020, 0.3983

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.



43.5960, 0.2495, 0.3560



43.5960, 0.3257, 0.2684



43.5960, 0.3452, 0.4240

Square

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



43.5960, 0.3257, 0.2684



43.5960, 0.4153, 0.3815



43.5960, 0.2936, 0.4030



43.5960, 0.2191, 0.2657

Rectangle

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



43.5960, 0.3257, 0.2684



43.5960, 0.4027, 0.3272



43.5960, 0.2936, 0.4030



43.5960, 0.2296, 0.3206

Sweetspot

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



43.5979, 0.3257, 0.2684



85.9697, 0.3162, 0.3106



37.1310, 0.2702, 0.2467



17.9499, 0.3168, 0.3076



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.



43.5979, 0.3257, 0.2684



54.7120, 0.3291, 0.2554



42.1837, 0.3555, 0.3038



13.2344, 0.3164, 0.3099



10.9305, 0.3696, 0.1810



0.7185, 0.3603, 0.1758

Inverse Universe

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



43.5979, 0.3257, 0.2684



54.7120, 0.3291, 0.2554



62.3500, 0.2830, 0.3559



13.2344, 0.3164, 0.3099



10.9305, 0.3696, 0.1810



0.7185, 0.3603, 0.1758

Previews

White Background



This preview shows how the Yxy color 43.5960, 0.3257, 0.2684 looks on a white background.

Color Contrast Check

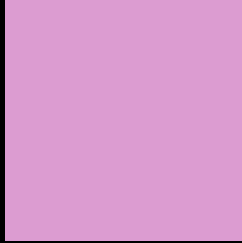
Large Text (above 18pt) WCAG AA × Fail

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 43.5960, 0.3257, 0.2684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

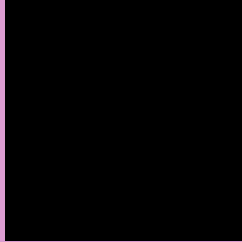
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.5960, 0.3257, 0.2684

Background



This preview shows how black text looks on a background with the Yxy color 43.5960, 0.3257, 0.2684.



This preview shows how white text looks on a background with the Yxy color 43.5960, 0.3257, 0.2684.

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

43.5960, 0.3257, 0.2684

Protanopia

43.9332, 0.2698, 0.2691

Deuteranopia

43.6646, 0.2926, 0.2857



Tritanopia

43.5347, 0.3526, 0.3134

Trichromacy



Original Color

43.5960, 0.3257, 0.2684



Protanomaly

43.3293, 0.2883, 0.2684



Deuteranomaly

43.3795, 0.3045, 0.2786



Tritanomaly

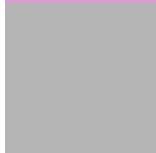
43.4812, 0.3426, 0.2970

Monochromacy



Original Color

43.5960, 0.3257, 0.2684



Achromatopsia

46.2077, 0.3127, 0.3290



Achromatomaly

44.8687, 0.3174, 0.3052

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5960, 0.3257, 0.2684 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(220, 156, 209)` looks like.

```
.text, #text, p{  
    color:rgb(220, 156, 209)  
}
```

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(220, 156, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 156, 209) }
```

Border

The CSS property to change the border of an element to Yxy 43.5960, 0.3257, 0.2684 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(220, 156, 209) }
```

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

```
.border{ border-color:rgb(220, 156, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 156, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 156, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 156, 209);  
box-shadow:4px 4px 4px 4px rgb(220, 156,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5960, 0.3257, 0.2684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 156, 209) }
```

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

```
.background{ background-color: rgb(220,  
156, 209) }
```

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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