

Converting Colors

Yxy(51.9110, 0.3194, 0.2662)

Have a look what the booklet for
Yxy(51.9110, 0.3194, 0.2662)
contains.

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Color

Yxy(51.7302, 0.3191, 0.2657)

Conversions

Conversions Part 1

Format	Color
Hex	E9AAE5
RGB	233, 170, 229
RGB Percent	91%, 67%, 90%
CMY	0.0862, 0.3334, 0.1020
CMYK	0.00, 0.27, 0.02, 0.09
HSL	304°, 59%, 79%
HSV	304°, 27%, 91%
XYZ	62.1269, 51.7302, 80.8370
YIQ	195.5630, 18.6090, 31.7050

Conversions

Conversions Part 2

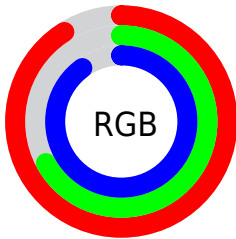
Format	Color
R _Y B	233, 170, 229
Decimal	15313637
CIE Lab	77.12, 32.55, -20.55
CIE LCh	77, 38.494, 327.739
Yxy	51.7302, 0.3191, 0.2657
Android (android.graphics.Color)	4293503717 (0xFFE9AAE5)
YUV	195.5630, 16.4844, 32.8322
Hunter-Lab	71.9237, 28.3197, -16.2910

Details

The Yxy color **51.7302, 0.3191, 0.2657** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **69.8936, 0.3067, 0.4017**, and the grayscale version is **54.8198, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.8727, 0.3140, 0.3009**, and **25.0868, 0.3210, 0.2513** is the 20% darker color. If you saturate the color by 10%, you get **43.6740, 0.3218, 0.2426**, and if you desaturate by 10%, it is **61.3400, 0.3166, 0.2894**.

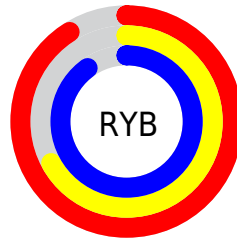
Distribution



Red (91%)

Green (67%)

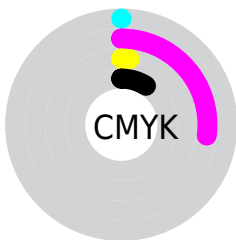
Blue (90%)



Red (91%)

Yellow (67%)

Blue (90%)

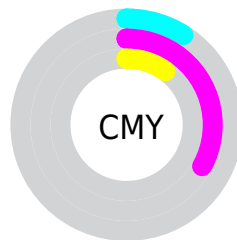


Cyan (0%)

Magenta (27%)

Yellow (2%)

Black (9%)



Cyan (9%)


Magenta (33%)

Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.7302, 0.3191, 0.2657 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 51.7302, 0.3191, 0.2657 by changing the saturation by 10% instead.


 51.7302, 0.3191,
0.2657

 51.7302, 0.3191,
0.2657


393.3941, 0.3167,
0.2951

 36.7901, 0.3195,
0.2590


 92.7332, 0.3184,
0.2759

 25.0450, 0.3200,
0.2507


119.5649, 0.3180,
0.2799

 16.1106, 0.3204,
0.2402


151.1292, 0.3177,
0.2833

 9.6024, 0.3208,
0.2265

187.8106, 0.3175,
0.2863

 5.1362, 0.3209,
0.2080

229.9933, 0.3172,
0.2889

 2.3274, 0.3201,
0.1819

278.0619, 0.3170,

 0.7881, 0.3168,

0.2912

0.1421

332.4007, 0.3168,
0.2933

0.0000, 0.3099,
0.0000

0.0000, 0.0000,
0.0000

51.7302, 0.3191,
0.2657

51.7302, 0.3191,
0.2657

43.6740, 0.3218,
0.2426

61.3400, 0.3166,
0.2894

37.0829, 0.3246,
0.2210


72.5723, 0.3142,
0.3129


31.8697, 0.3274,
0.2018


85.5003, 0.3121,
0.3356

27.9356, 0.3302,
0.1861


94.8430, 0.3106,
0.3492

 25.1683, 0.3328,
0.1744


 94.9293, 0.3097,
0.3476


 23.4363, 0.3352,
0.1671


 95.0164, 0.3089,
0.3461

 22.5693, 0.3373,
0.1640

 95.1042, 0.3080,
0.3446

 22.3969, 0.3379,
0.1635

 95.1928, 0.3072,
0.3431

 95.2821, 0.3064,
0.3416

Harmonies

Analogous

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



51.7302, 0.2693, 0.2486



51.7302, 0.3191, 0.2657



51.7302, 0.3711, 0.2967

Triad

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



51.7302, 0.3191, 0.2657



51.7302, 0.3940, 0.4098



51.7302, 0.2259, 0.3102

Complementary

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



51.7302, 0.3191, 0.2657



69.8936, 0.3067, 0.4017

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.



51.7302, 0.2545, 0.3622



51.7302, 0.3191, 0.2657



51.7302, 0.3510, 0.4235

Square

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



51.7302, 0.3191, 0.2657



51.7302, 0.4157, 0.3765



51.7302, 0.2998, 0.4066



51.7302, 0.2190, 0.2698

Rectangle

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



51.7302, 0.3191, 0.2657



51.7302, 0.3982, 0.3223



51.7302, 0.2998, 0.4066



51.7302, 0.2332, 0.3270

Sweetspot

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



51.7325, 0.3191, 0.2657



87.5842, 0.3144, 0.3106



43.5334, 0.2680, 0.2517



18.2792, 0.3148, 0.3071



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.



51.7325, 0.3191, 0.2657



58.1896, 0.3205, 0.2538



50.1692, 0.3452, 0.2975



15.2962, 0.3148, 0.3072



12.7127, 0.3376, 0.1633



1.0033, 0.3350, 0.1619

Inverse Universe

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



51.7325, 0.3191, 0.2657



58.1896, 0.3205, 0.2538



71.2282, 0.2889, 0.3630



15.2962, 0.3148, 0.3072



12.7127, 0.3376, 0.1633



1.0033, 0.3350, 0.1619

Previews

White Background



This preview shows how the Yxy color 51.7302, 0.3191, 0.2657 looks on a white background.

Color Contrast Check

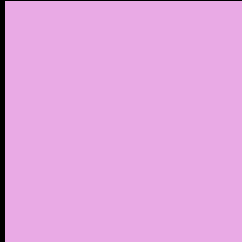
Large Text (above 18pt) WCAG AA × Fail

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 51.7302, 0.3191, 0.2657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

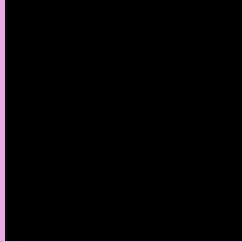
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.7302, 0.3191, 0.2657

Background



This preview shows how black text looks on a background with the Yxy color 51.7302, 0.3191, 0.2657.



This preview shows how white text looks on a background with the Yxy color 51.7302, 0.3191, 0.2657.

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

51.7302, 0.3191, 0.2657

Protanopia

52.1531, 0.2674, 0.2663

Deuteranopia

51.8153, 0.2882, 0.2816



Tritanopia

51.6998, 0.3460, 0.3132

Trichromacy



Original Color

51.7302, 0.3191, 0.2657



Protanomaly

51.4406, 0.2843, 0.2657



Deuteranomaly

51.4540, 0.2990, 0.2751



Tritanomaly

51.5029, 0.3361, 0.2945

Monochromacy



Original Color

51.7302, 0.3191, 0.2657



Achromatopsia

55.2011, 0.3127, 0.3290



Achromatomaly

53.6500, 0.3147, 0.3045

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.7302, 0.3191, 0.2657 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(233, 170, 229)` looks like.

```
.text, #text, p{  
    color:rgb(233, 170, 229)  
}
```

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(233, 170, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 170, 229) }
```

Border

The CSS property to change the border of an element to Yxy 51.7302, 0.3191, 0.2657 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(233, 170, 229) }
```

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

```
.border{ border-color:rgb(233, 170, 229) }
```

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

Here you see how a box with a 4 pixel rgb(233, 170, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 170, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 170, 229);  
box-shadow:4px 4px 4px 4px rgb(233, 170,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 51.7302, 0.3191, 0.2657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 170, 229) }
```

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

```
.background{ background-color: rgb(233,  
170, 229) }
```

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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