

Converting Colors

Yxy(52.9017, 0.3188, 0.2611)

Have a look what the booklet for
Yxy(52.9017, 0.3188, 0.2611)
contains.

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Color

Yxy(52.9248, 0.3184, 0.2608)

Conversions

Conversions Part 1

Format	Color
Hex	ECAAEB
RGB	238, 170, 235
RGB Percent	93%, 67%, 92%
CMY	0.0669, 0.3332, 0.0785
CMYK	0.00, 0.29, 0.01, 0.07
HSL	303°, 67%, 80%
HSV	303°, 29%, 93%
XYZ	64.6137, 52.9248, 85.3940
YIQ	197.7420, 19.6630, 34.6310

Conversions

Conversions Part 2

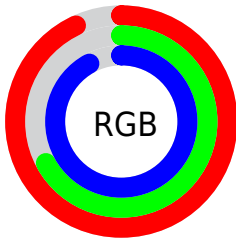
Format	Color
R _Y B	238, 170, 235
Decimal	15641323
CIE Lab	77.83, 35.20, -22.66
CIE LCh	78, 41.864, 327.226
Yxy	52.9248, 0.3184, 0.2608
Android (android.graphics.Color)	4293831403 (0xFFEEAAEB)
YUV	197.7420, 18.3682, 35.3063
Hunter-Lab	72.7494, 31.2265, -18.6706

Details

The Yxy color **52.9248, 0.3184, 0.2608** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **72.6834, 0.3071, 0.4082**, and the grayscale version is **56.1851, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.8727, 0.3140, 0.3009**, and **25.8010, 0.3189, 0.2452** is the 20% darker color. If you saturate the color by 10%, you get **44.7368, 0.3206, 0.2375**, and if you desaturate by 10%, it is **62.7323, 0.3163, 0.2849**.

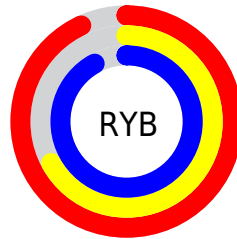
Distribution



Red (93%)

Green (67%)

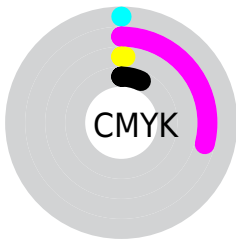
Blue (92%)



Red (93%)

Yellow (67%)

Blue (92%)

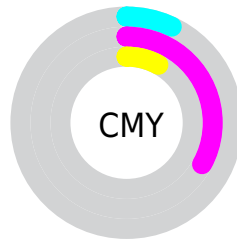


Cyan (0%)

Magenta (29%)

Yellow (1%)

Black (7%)



Cyan (7%)

Magenta (33%)


Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.9248, 0.3184, 0.2608 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 52.9248, 0.3184, 0.2608 by changing the saturation by 10% instead.


 52.9248, 0.3184,
0.2608

 52.9248, 0.3184,
0.2608


397.9965, 0.3164,
0.2922

 37.7427, 0.3187,
0.2537


 94.4937, 0.3178,
0.2716

 25.7831, 0.3190,
0.2450


121.6493, 0.3176,
0.2759

 16.6614, 0.3192,
0.2340


153.5650, 0.3173,
0.2795

 9.9934, 0.3192,
0.2198

190.6249, 0.3171,
0.2827

 5.3946, 0.3188,
0.2009

233.2137, 0.3169,
0.2855

 2.4806, 0.3172,
0.1744

281.7156, 0.3167,

 0.8669, 0.3123,

0.2880

0.1357

336.5151, 0.3166,
0.2902

0.0000, 0.3155,
0.0000

0.0000, 0.0000,
0.0000

52.9248, 0.3184,
0.2608

52.9248, 0.3184,
0.2608

44.7368, 0.3206,
0.2375

62.7323, 0.3163,
0.2849

38.0743, 0.3229,
0.2158

74.2330, 0.3143,
0.3090

32.8441, 0.3251,
0.1969

87.5044, 0.3125,
0.3324

28.9404, 0.3271,
0.1816

95.9273, 0.3112,
0.3448

26.2424, 0.3290,
0.1704

95.9889, 0.3106,
0.3437

24.6074, 0.3307,
0.1636

96.0508, 0.3101,
0.3427

23.8289, 0.3321,
0.1607

96.1130, 0.3095,
0.3416

23.7451, 0.3323,
0.1604

96.1756, 0.3089,
0.3406

96.2386, 0.3083,
0.3395

Harmonies

Analogous

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



52.9248, 0.2651, 0.2428



52.9248, 0.3184, 0.2608



52.9248, 0.3748, 0.2935

Triad

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



52.9248, 0.3184, 0.2608



52.9248, 0.4005, 0.4151



52.9248, 0.2199, 0.3092

Complementary

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



52.9248, 0.3184, 0.2608



72.6834, 0.3071, 0.4082

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.



52.9248, 0.2506, 0.3658



52.9248, 0.3184, 0.2608



52.9248, 0.3544, 0.4313

Square

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



52.9248, 0.3184, 0.2608



52.9248, 0.4239, 0.3787



52.9248, 0.2994, 0.4140



52.9248, 0.2124, 0.2656

Rectangle

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



52.9248, 0.3184, 0.2608



52.9248, 0.4044, 0.3207



52.9248, 0.2994, 0.4140



52.9248, 0.2277, 0.3274

Sweetspot

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



52.9271, 0.3184, 0.2608



86.1571, 0.3144, 0.3078



43.7367, 0.2642, 0.2465



17.9964, 0.3147, 0.3043



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.



52.9271, 0.3184, 0.2608



56.3551, 0.3196, 0.2476



51.1812, 0.3466, 0.2944



16.0188, 0.3145, 0.3067



13.2596, 0.3321, 0.1603



1.1067, 0.3305, 0.1594

Inverse Universe

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



52.9271, 0.3184, 0.2608



56.3551, 0.3196, 0.2476



74.1350, 0.2883, 0.3666



16.0188, 0.3145, 0.3067



13.2596, 0.3321, 0.1603



1.1067, 0.3305, 0.1594

Previews

White Background



This preview shows how the Yxy color 52.9248, 0.3184, 0.2608 looks on a white background.

Color Contrast Check

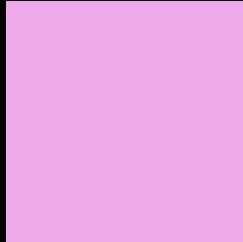
Large Text (above 18pt) WCAG AA × Fail

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 52.9248, 0.3184, 0.2608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

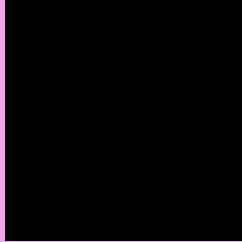
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.9248, 0.3184, 0.2608

Background



This preview shows how black text looks on a background with the Yxy color 52.9248, 0.3184, 0.2608.



This preview shows how white text looks on a background with the Yxy color 52.9248, 0.3184, 0.2608.

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

52.9248, 0.3184, 0.2608

Protanopia

53.5108, 0.2629, 0.2605

Deuteranopia

52.9991, 0.2842, 0.2775



Tritanopia

52.8024, 0.3485, 0.3134

Trichromacy



Original Color

52.9248, 0.3184, 0.2608



Protanomaly

52.6017, 0.2805, 0.2590



Deuteranomaly

52.4862, 0.2962, 0.2703



Tritanomaly

52.7064, 0.3369, 0.2928

Monochromacy



Original Color

52.9248, 0.3184, 0.2608



Achromatopsia

56.4712, 0.3127, 0.3290



Achromatomaly

54.8157, 0.3156, 0.3025

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.9248, 0.3184, 0.2608 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(238, 170, 235)` looks like.

```
.text, #text, p{  
    color:rgb(238, 170, 235)  
}
```

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(238, 170, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 170, 235) }
```

Border

The CSS property to change the border of an element to Yxy 52.9248, 0.3184, 0.2608 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(238, 170, 235) }
```

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

```
.border{ border-color:rgb(238, 170, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 170, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 170, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 170, 235);  
box-shadow:4px 4px 4px 4px rgb(238, 170,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 52.9248, 0.3184, 0.2608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 170, 235) }
```

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

```
.background{ background-color: rgb(238,  
170, 235) }
```

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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