

Converting Colors

Yxy(54.9481, 0.3237, 0.2720)

Have a look what the booklet for
Yxy(54.9481, 0.3237, 0.2720)
contains.

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Color

Yxy(54.7238, 0.3229, 0.2710)

Conversions

Conversions Part 1

Format	Color
Hex	EFAFE6
RGB	239, 175, 230
RGB Percent	94%, 69%, 90%
CMY	0.0629, 0.3137, 0.0980
CMYK	0.00, 0.27, 0.04, 0.06
HSL	308°, 67%, 81%
HSV	308°, 27%, 94%
XYZ	65.2041, 54.7238, 82.0049
YIQ	200.4060, 20.4890, 30.6730

Conversions

Conversions Part 2

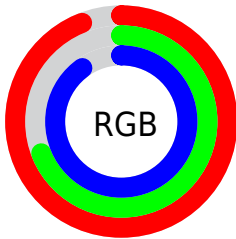
Format	Color
R _Y B	239, 175, 230
Decimal	15708134
CIE Lab	78.88, 32.00, -18.38
CIE LCh	79, 36.904, 330.135
Yxy	54.7238, 0.3229, 0.2710
Android (android.graphics.Color)	4293898214 (0xFFEFAFE6)
YUV	200.4060, 14.5898, 33.8469
Hunter-Lab	73.9755, 27.8777, -13.9425

Details

The Yxy color **54.7238, 0.3229, 0.2710** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **74.2906, 0.3040, 0.3949**, and the grayscale version is **57.9221, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.6318, 0.3138, 0.3058**, and **26.9201, 0.3250, 0.2582** is the 20% darker color. If you saturate the color by 10%, you get **46.0455, 0.3276, 0.2493**, and if you desaturate by 10%, it is **65.0566, 0.3187, 0.2930**.

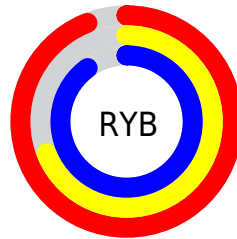
Distribution



Red (94%)

Green (69%)

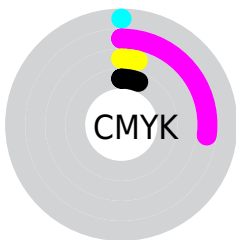
Blue (90%)



Red (94%)

Yellow (69%)

Blue (90%)

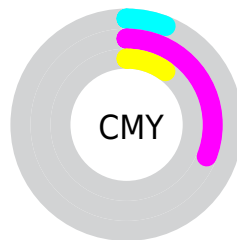


Cyan (0%)

Magenta (27%)

Yellow (4%)

Black (6%)



Cyan (6%)

Magenta (31%)

Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.7238, 0.3229, 0.2710 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 54.7238, 0.3229, 0.2710 by changing the saturation by 10% instead.

 54.7238, 0.3229,
0.2710

 54.7238, 0.3229,
0.2710


404.8641, 0.3185,
0.2978

 39.1806, 0.3238,
0.2649

 97.1362, 0.3215,
0.2803

 26.9003, 0.3249,
0.2574


124.7741, 0.3209,
0.2839

 17.4983, 0.3261,
0.2479


157.2125, 0.3204,
0.2870

 10.5904, 0.3276,
0.2356

194.8357, 0.3199,
0.2897

 5.7922, 0.3294,
0.2189

238.0280, 0.3195,
0.2921

 2.7191, 0.3313,
0.1954

287.1739, 0.3192,

 0.9869, 0.3327,

0.2942

0.1599

342.6578, 0.3188,
0.2961

0.0000, 0.3635,
0.0000

0.0000, 0.0000,
0.0000

54.7238, 0.3229,
0.2710

54.7238, 0.3229,
0.2710

46.0455, 0.3276,
0.2493

65.0566, 0.3187,
0.2930

38.9276, 0.3326,
0.2289


77.1170, 0.3150,
0.3148


33.2778, 0.3379,
0.2106


90.9826, 0.3117,
0.3357

28.9910, 0.3434,
0.1956


96.3606, 0.3094,
0.3405


 25.9483, 0.3488,
0.1846

 96.5649, 0.3076,
0.3371


 24.0102, 0.3540,
0.1781

 96.7729, 0.3057,
0.3338

 22.9999, 0.3589,
0.1761

 96.9846, 0.3038,
0.3305

 22.7793, 0.3604,
0.1759

 97.0855, 0.3029,
0.3290

Harmonies

Analogous

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



54.7238, 0.2752, 0.2535



54.7238, 0.3229, 0.2710



54.7238, 0.3711, 0.3013

Triad

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



54.7238, 0.3229, 0.2710



54.7238, 0.3868, 0.4072



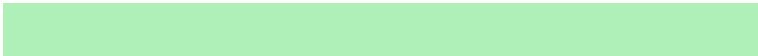
54.7238, 0.2294, 0.3080

Complementary

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



54.7238, 0.3229, 0.2710



74.2906, 0.3040, 0.3949

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.



54.7238, 0.2550, 0.3563



54.7238, 0.3229, 0.2710



54.7238, 0.3453, 0.4176

Square

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



54.7238, 0.3229, 0.2710



54.7238, 0.4091, 0.3772



54.7238, 0.2970, 0.3991



54.7238, 0.2245, 0.2711

Rectangle

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



54.7238, 0.3229, 0.2710



54.7238, 0.3955, 0.3260



54.7238, 0.2970, 0.3991



54.7238, 0.2357, 0.3235

Sweetspot

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



54.7262, 0.3229, 0.2710



87.4854, 0.3154, 0.3121



47.0305, 0.2724, 0.2533



18.2541, 0.3160, 0.3088



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.



54.7262, 0.3229, 0.2710



57.8072, 0.3253, 0.2593



53.1105, 0.3495, 0.3035



15.9911, 0.3159, 0.3089



12.6066, 0.3597, 0.1755



1.0591, 0.3538, 0.1723

Inverse Universe

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



54.7262, 0.3229, 0.2710



57.8072, 0.3253, 0.2593



75.7645, 0.2862, 0.3562



15.9911, 0.3159, 0.3089



12.6066, 0.3597, 0.1755



1.0591, 0.3538, 0.1723

Previews

White Background



This preview shows how the Yxy color 54.7238, 0.3229, 0.2710 looks on a white background.

Color Contrast Check

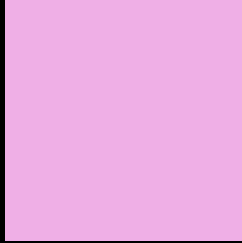
Large Text (above 18pt) WCAG AA × Fail

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 54.7238, 0.3229, 0.2710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

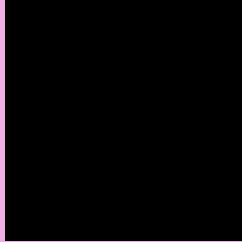
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.7238, 0.3229, 0.2710

Background



This preview shows how black text looks on a background with the Yxy color 54.7238, 0.3229, 0.2710.



This preview shows how white text looks on a background with the Yxy color 54.7238, 0.3229, 0.2710.

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

54.7238, 0.3229, 0.2710

Protanopia

55.2450, 0.2721, 0.2721

Deuteranopia

55.0870, 0.2937, 0.2873



Tritanopia

54.4803, 0.3471, 0.3135

Trichromacy



Original Color

54.7238, 0.3229, 0.2710



Protanomaly

54.5511, 0.2891, 0.2714



Deuteranomaly

54.5955, 0.3038, 0.2807



Tritanomaly

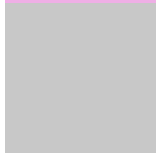
54.6271, 0.3381, 0.2974

Monochromacy



Original Color

54.7238, 0.3229, 0.2710



Achromatopsia

57.7580, 0.3127, 0.3290



Achromatomaly

56.2609, 0.3162, 0.3061

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7238, 0.3229, 0.2710 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(239, 175, 230)` looks like.

```
.text, #text, p{  
    color:rgb(239, 175, 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(239, 175, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 175, 230) }
```

Border

The CSS property to change the border of an element to Yxy 54.7238, 0.3229, 0.2710 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(239, 175, 230) }
```

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

```
.border{ border-color:rgb(239, 175, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 175, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 175, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 175, 230);  
box-shadow:4px 4px 4px 4px rgb(239, 175,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7238, 0.3229, 0.2710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 175, 230) }
```

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

```
.background{ background-color: rgb(239,  
175, 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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