

Converting Colors

Yxy(54.0730, 0.3179, 0.2746)

Have a look what the booklet for
Yxy(54.0730, 0.3179, 0.2746)
contains.

Yxy(54.0346, 0.3178, 0.2740)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.0346, 0.3178, 0.2740)

Conversions

Conversions Part 1

Format	Color
Hex	E7B1E4
RGB	231, 177, 228
RGB Percent	91%, 69%, 89%
CMY	0.0942, 0.3058, 0.1060
CMYK	0.00, 0.23, 0.01, 0.09
HSL	303°, 53%, 80%
HSV	303°, 23%, 91%
XYZ	62.6722, 54.0346, 80.4997
YIQ	198.9600, 15.8130, 27.3090

Conversions

Conversions Part 2

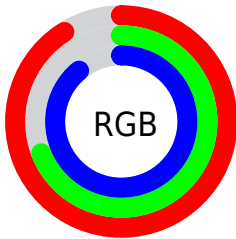
Format	Color
R _Y B	231, 177, 228
Decimal	15184356
CIE Lab	78.48, 27.94, -17.95
CIE LCh	78, 33.210, 327.291
Yxy	54.0346, 0.3178, 0.2740
Android (android.graphics.Color)	4293374436 (0xFFE7B1E4)
YUV	198.9600, 14.3167, 28.0991
Hunter-Lab	73.5082, 23.5476, -13.4734

Details

The Yxy color **54.0346, 0.3178, 0.2740** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **69.7879, 0.3078, 0.3909**, and the grayscale version is **56.9914, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.7578, 0.3137, 0.3078**, and **26.5464, 0.3182, 0.2604** is the 20% darker color. If you saturate the color by 10%, you get **45.5989, 0.3203, 0.2504**, and if you desaturate by 10%, it is **64.0200, 0.3155, 0.2979**.

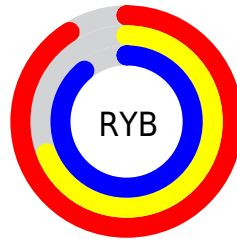
Distribution



Red (91%)

Green (69%)

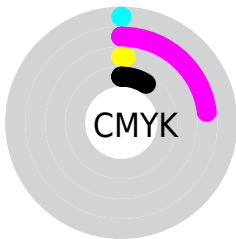
Blue (89%)



Red (91%)

Yellow (69%)

Blue (89%)

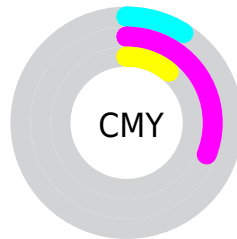


Cyan (0%)

Magenta (23%)

Yellow (1%)

Black (9%)



Cyan (9%)


Magenta (31%)

Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.0346, 0.3178, 0.2740 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 54.0346, 0.3178, 0.2740 by changing the saturation by 10% instead.


 54.0346, 0.3178,
0.2740

 54.0346, 0.3178,
0.2740


402.2419, 0.3158,
0.2996

 38.6293, 0.3181,
0.2681


 96.1250, 0.3172,
0.2829

 26.4715, 0.3185,
0.2609


123.5790, 0.3169,
0.2863

 17.1767, 0.3189,
0.2517


155.8180, 0.3167,
0.2893

 10.3606, 0.3193,
0.2397

193.2264, 0.3165,
0.2919

 5.6387, 0.3194,
0.2234

236.1886, 0.3163,
0.2942

 2.6266, 0.3190,
0.2002

285.0890, 0.3161,

 0.9401, 0.3166,

0.2962

0.1646

340.3120, 0.3160,
0.2980

0.0000, 0.3269,
0.0000

0.0000, 0.0000,
0.0000

54.0346, 0.3178,
0.2740

54.0346, 0.3178,
0.2740

45.5989, 0.3203,
0.2504

64.0200, 0.3155,
0.2979

38.6279, 0.3228,
0.2280

75.6201, 0.3134,
0.3213

33.0397, 0.3254,
0.2078

88.9051, 0.3115,
0.3438

28.7411, 0.3280,
0.1906

94.3967, 0.3104,
0.3511

25.6277, 0.3304,
0.1772

94.4708, 0.3096,
0.3498

23.5787, 0.3326,
0.1683

94.5455, 0.3089,
0.3485

22.4477, 0.3345,
0.1636

94.6207, 0.3082,
0.3471

22.0517, 0.3357,
0.1623

94.6964, 0.3074,
0.3458

94.7727, 0.3067,
0.3445

Harmonies

Analogous

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



54.0346, 0.2752, 0.2594



54.0346, 0.3178, 0.2740



54.0346, 0.3618, 0.3010

Triad

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



54.0346, 0.3178, 0.2740



54.0346, 0.3829, 0.3982



54.0346, 0.2384, 0.3143

Complementary

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



54.0346, 0.3178, 0.2740



69.7879, 0.3078, 0.3909

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.



54.0346, 0.2636, 0.3579



54.0346, 0.3178, 0.2740



54.0346, 0.3467, 0.4089

Square

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



54.0346, 0.3178, 0.2740



54.0346, 0.4005, 0.3703



54.0346, 0.3029, 0.3945



54.0346, 0.2319, 0.2792

Rectangle

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



54.0346, 0.3178, 0.2740



54.0346, 0.3848, 0.3233



54.0346, 0.3029, 0.3945



54.0346, 0.2448, 0.3285

Sweetspot

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



54.0370, 0.3178, 0.2740



89.0712, 0.3141, 0.3128



46.8892, 0.2750, 0.2636



18.8736, 0.3143, 0.3114



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.



54.0370, 0.3178, 0.2740



62.3406, 0.3190, 0.2626



52.6687, 0.3397, 0.3020



14.6006, 0.3146, 0.3071



12.3709, 0.3354, 0.1621



0.9184, 0.3331, 0.1609

Inverse Universe

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



54.0370, 0.3178, 0.2740



62.3406, 0.3190, 0.2626



70.9815, 0.2920, 0.3578



14.6006, 0.3146, 0.3071



12.3709, 0.3354, 0.1621



0.9184, 0.3331, 0.1609

Previews

White Background



This preview shows how the Yxy color 54.0346, 0.3178, 0.2740 looks on a white background.

Color Contrast Check

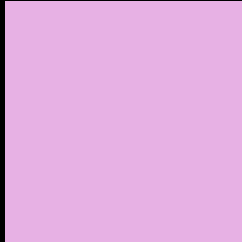
Large Text (above 18pt) WCAG AA × Fail

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 54.0346, 0.3178, 0.2740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

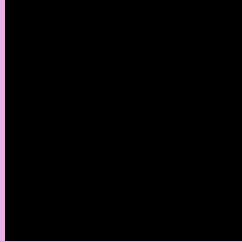
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.0346, 0.3178, 0.2740

Background



This preview shows how black text looks on a background with the Yxy color 54.0346, 0.3178, 0.2740.

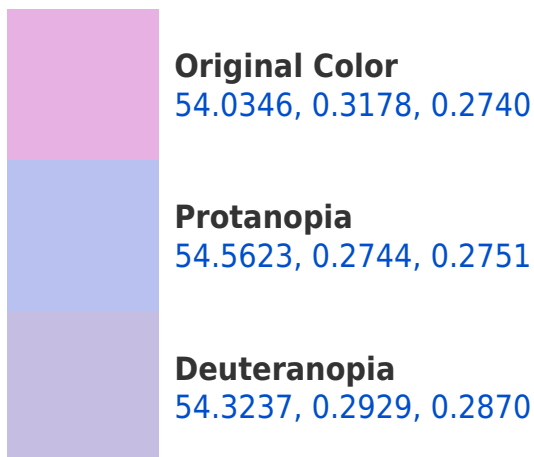


This preview shows how white text looks on a background with the Yxy color 54.0346, 0.3178, 0.2740.

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





Tritanopia

54.2291, 0.3390, 0.3133

Trichromacy



Original Color

54.0346, 0.3178, 0.2740



Protanomaly

53.9563, 0.2889, 0.2741



Deuteranomaly

53.9456, 0.3014, 0.2813



Tritanomaly

54.0958, 0.3310, 0.2989

Monochromacy



Original Color

54.0346, 0.3178, 0.2740



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

55.7636, 0.3146, 0.3070

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0346, 0.3178, 0.2740 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(231, 177, 228)` looks like.

```
.text, #text, p{  
    color:rgb(231, 177, 228)  
}
```

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(231, 177, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 177, 228) }
```

Border

The CSS property to change the border of an element to Yxy 54.0346, 0.3178, 0.2740 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(231, 177, 228) }
```

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

```
.border{ border-color:rgb(231, 177, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 177, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 177, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 177, 228);  
box-shadow:4px 4px 4px 4px rgb(231, 177,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0346, 0.3178, 0.2740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 177, 228) }
```

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

```
.background{ background-color: rgb(231,  
177, 228) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor