

Converting Colors

$Yxy(54.6289, 0.3248, 0.2774)$

Have a look what the booklet for
Yxy(54.6289, 0.3248, 0.2774)
contains.

Yxy(54.7134, 0.3243, 0.2777)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.7134, 0.3243, 0.2777)

Conversions

Conversions Part 1

Format	Color
Hex	ECB1E1
RGB	236, 177, 225
RGB Percent	93%, 69%, 88%
CMY	0.0746, 0.3058, 0.1177
CMYK	0.00, 0.25, 0.05, 0.07
HSL	311°, 61%, 81%
HSV	311°, 25%, 93%
XYZ	63.8947, 54.7134, 78.4153
YIQ	200.1130, 19.7560, 27.4360

Conversions

Conversions Part 2

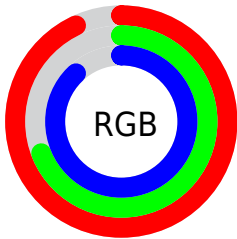
Format	Color
R _Y B	236, 177, 225
Decimal	15512033
CIE Lab	78.88, 29.06, -15.69
CIE LCh	79, 33.023, 331.629
Yxy	54.7134, 0.3243, 0.2777
Android (android.graphics.Color)	4293702113 (0xFFECB1E1)
YUV	200.1130, 12.2693, 31.4729
Hunter-Lab	73.9685, 24.7451, -11.0764

Details

The Yxy color $54.7134, 0.3243, 0.2777$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $72.9531, 0.3030, 0.3864$, and the grayscale version is $57.7462, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.7578, 0.3137, 0.3078$, and $27.0209, 0.3270, 0.2654$ is the 20% darker color. If you saturate the color by 10%, you get $45.9479, 0.3301, 0.2569$, and if you desaturate by 10%, it is $65.1017, 0.3192, 0.2987$.

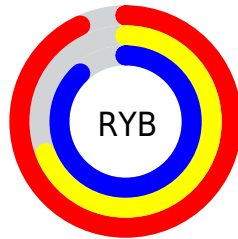
Distribution



Red (93%)

Green (69%)

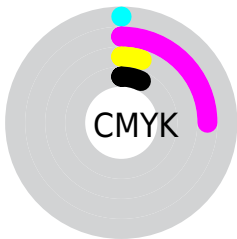
Blue (88%)



Red (93%)

Yellow (69%)

Blue (88%)

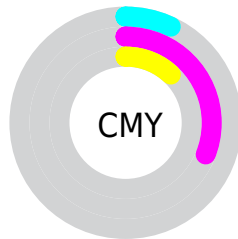


Cyan (0%)

Magenta (25%)

Yellow (5%)

Black (7%)



Cyan (7%)


Magenta (31%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.7134, 0.3243, 0.2777 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 54.7134, 0.3243, 0.2777 by changing the saturation by 10% instead.


 54.7134, 0.3243,
0.2777

 54.7134, 0.3243,
0.2777


404.8246, 0.3191,
0.3016

 39.1723, 0.3254,
0.2722


 97.1209, 0.3226,
0.2860

 26.8938, 0.3268,
0.2655


124.7561, 0.3219,
0.2892

 17.4935, 0.3284,
0.2569


157.1915, 0.3213,
0.2920

 10.5870, 0.3305,
0.2456

194.8114, 0.3207,
0.2944

 5.7898, 0.3332,
0.2304

238.0003, 0.3203,
0.2965

 2.7177, 0.3366,
0.2084

287.1425, 0.3199,

 0.9862, 0.3408,

0.2984

342.6225, 0.3195,
0.3001

0.1746

0.0000, 0.3807,
0.0000

0.0000, 0.0000,
0.0000

54.7134, 0.3243,
0.2777

54.7134, 0.3243,
0.2777

45.9479, 0.3301,
0.2569

65.1017, 0.3192,
0.2987

38.7148, 0.3365,
0.2370

77.1825, 0.3147,
0.3191

32.9264, 0.3434,
0.2190

91.0303, 0.3109,
0.3387

28.4826, 0.3506,
0.2040

95.7925, 0.3081,
0.3413

■ 25.2710, 0.3579,
0.1928

■ 96.0608, 0.3056,
0.3369

■ 23.1607, 0.3652,
0.1861

■ 96.3354, 0.3031,
0.3326

■ 21.9909, 0.3721,
0.1840

■ 96.5673, 0.3011,
0.3290

■ 21.6331, 0.3754,
0.1842

Harmonies

Analogous

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



54.7134, 0.2811, 0.2612



54.7134, 0.3243, 0.2777



54.7134, 0.3669, 0.3058

Triad

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



54.7134, 0.3243, 0.2777



54.7134, 0.3779, 0.4004



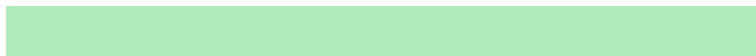
54.7134, 0.2369, 0.3086

Complementary

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



54.7134, 0.3243, 0.2777



72.9531, 0.3030, 0.3864

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.



54.7134, 0.2594, 0.3514



54.7134, 0.3243, 0.2777



54.7134, 0.3403, 0.4076

Square

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



54.7134, 0.3243, 0.2777



54.7134, 0.3986, 0.3746



54.7134, 0.2969, 0.3896



54.7134, 0.2333, 0.2760

Rectangle

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



54.7134, 0.3243, 0.2777



54.7134, 0.3879, 0.3285



54.7134, 0.2969, 0.3896



54.7134, 0.2424, 0.3223

Sweetspot

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



54.7158, 0.3243, 0.2777



88.9229, 0.3156, 0.3150



48.1770, 0.2777, 0.2595



18.8392, 0.3158, 0.3138



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.



54.7158, 0.3243, 0.2777



59.6358, 0.3272, 0.2669



53.2518, 0.3489, 0.3085



15.2628, 0.3166, 0.3100



11.9463, 0.3744, 0.1836



0.9505, 0.3656, 0.1788

Inverse Universe

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



54.7158, 0.3243, 0.2777



59.6358, 0.3272, 0.2669



74.3475, 0.2862, 0.3506



15.2628, 0.3166, 0.3100



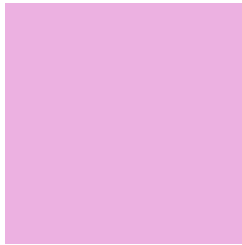
11.9463, 0.3744, 0.1836



0.9505, 0.3656, 0.1788

Previews

White Background



This preview shows how the Yxy color 54.7134, 0.3243, 0.2777 looks on a white background.

Color Contrast Check

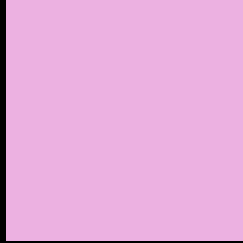
Large Text (above 18pt) WCAG AA × Fail

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 54.7134, 0.3243, 0.2777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

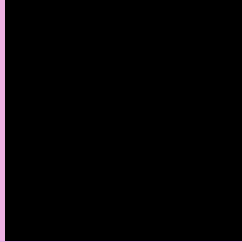
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.7134, 0.3243, 0.2777

Background



This preview shows how black text looks on a background with the Yxy color 54.7134, 0.3243, 0.2777.



This preview shows how white text looks on a background with the Yxy color 54.7134, 0.3243, 0.2777.

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

54.7134, 0.3243, 0.2777

Protanopia

55.0788, 0.2778, 0.2798

Deuteranopia

55.0921, 0.2987, 0.2930



Tritanopia

54.5972, 0.3443, 0.3135

Trichromacy



Original Color

54.7134, 0.3243, 0.2777



Protanomaly

54.6300, 0.2932, 0.2788



Deuteranomaly

54.7417, 0.3074, 0.2871



Tritanomaly

54.4711, 0.3362, 0.2993

Monochromacy



Original Color

54.7134, 0.3243, 0.2777



Achromatopsia

57.7580, 0.3127, 0.3290



Achromatomaly

56.4489, 0.3168, 0.3094

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7134, 0.3243, 0.2777 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(236, 177, 225)` looks like.

```
.text, #text, p{  
    color:rgb(236, 177, 225)  
}
```

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(236, 177, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 177, 225) }
```

Border

The CSS property to change the border of an element to Yxy 54.7134, 0.3243, 0.2777 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(236, 177, 225) }
```

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

```
.border{ border-color:rgb(236, 177, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 177, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 177, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 177, 225);  
box-shadow:4px 4px 4px 4px rgb(236, 177,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7134, 0.3243, 0.2777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 177, 225) }
```

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

```
.background{ background-color: rgb(236,  
177, 225) }
```

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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