

Converting Colors

Yxy(54.0771, 0.3200, 0.2679)

Have a look what the booklet for
Yxy(54.0771, 0.3200, 0.2679)
contains.

Yxy(54.1028, 0.3198, 0.2677)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.1028, 0.3198, 0.2677)

Conversions

Conversions Part 1

Format	Color
Hex	EDAEE8
RGB	237, 174, 232
RGB Percent	93%, 68%, 91%
CMY	0.0705, 0.3177, 0.0903
CMYK	0.00, 0.27, 0.02, 0.07
HSL	305°, 64%, 81%
HSV	305°, 27%, 93%
XYZ	64.6323, 54.1028, 83.3672
YIQ	199.4490, 18.9300, 31.3940

Conversions

Conversions Part 2

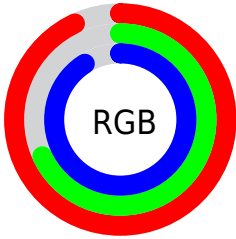
Format	Color
R _Y B	237, 174, 232
Decimal	15576808
CIE Lab	78.52, 32.26, -20.00
CIE LCh	79, 37.959, 328.205
Yxy	54.1028, 0.3198, 0.2677
Android (android.graphics.Color)	4293766888 (0xFFEDAEE8)
YUV	199.4490, 16.0476, 32.9322
Hunter-Lab	73.5546, 28.1271, -15.7114

Details

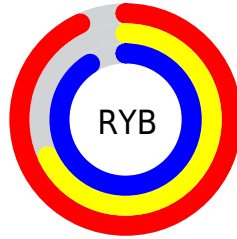
The Yxy color **54.1028, 0.3198, 0.2677** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **72.8417, 0.3062, 0.3991**, and the grayscale version is **57.2957, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.0736, 0.3138, 0.3048**, and **26.5126, 0.3207, 0.2539** is the 20% darker color. If you saturate the color by 10%, you get **45.6337, 0.3229, 0.2448**, and if you desaturate by 10%, it is **64.1938, 0.3169, 0.2911**.

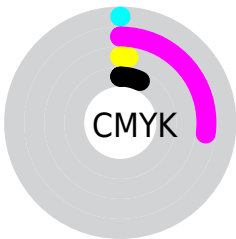
Distribution



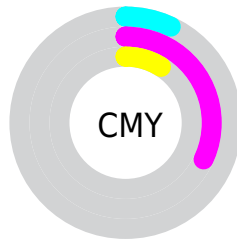
- Red (93%)
- Green (68%)
- Blue (91%)



- Red (93%)
- Yellow (68%)
- Blue (91%)



- Cyan (0%)
- Magenta (27%)
- Yellow (2%)
- Black (7%)




- Cyan (7%)
- Magenta (32%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.1028, 0.3198, 0.2677 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 54.1028, 0.3198, 0.2677 by changing the saturation by 10% instead.


 54.1028, 0.3198,
0.2677

 54.1028, 0.3198,
0.2677


402.5019, 0.3170,
0.2960

 38.6839, 0.3203,
0.2613


 96.2252, 0.3189,
0.2775

 26.5139, 0.3209,
0.2533


123.6974, 0.3186,
0.2813

 17.2085, 0.3215,
0.2434


155.9561, 0.3182,
0.2846

 10.3832, 0.3221,
0.2304

193.3858, 0.3179,
0.2875

 5.6538, 0.3226,
0.2130

236.3709, 0.3177,
0.2900

 2.6357, 0.3226,
0.1884

285.2956, 0.3174,

 0.9447, 0.3205,

0.2922

0.1517

340.5445, 0.3172,
0.2942

0.0000, 0.3370,
0.0000

0.0000, 0.0000,
0.0000

54.1028, 0.3198,
0.2677

54.1028, 0.3198,
0.2677

45.6337, 0.3229,
0.2448

64.1938, 0.3169,
0.2911

38.6943, 0.3262,
0.2234

75.9782, 0.3143,
0.3142

33.1944, 0.3295,
0.2043

89.5320, 0.3119,
0.3365

29.0312, 0.3328,
0.1885

95.7964, 0.3104,
0.3443

■ 26.0884, 0.3360,
0.1768

■ 95.9095, 0.3093,
0.3424

■ 24.2298, 0.3390,
0.1695

■ 96.0239, 0.3083,
0.3405

■ 23.2837, 0.3416,
0.1665

■ 96.1394, 0.3072,
0.3386

■ 23.0746, 0.3425,
0.1660

■ 96.2562, 0.3061,
0.3367

■ 96.3741, 0.3051,
0.3348

Harmonies

Analogous

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



54.1028, 0.2712, 0.2508



54.1028, 0.3198, 0.2677



54.1028, 0.3701, 0.2981

Triad

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



54.1028, 0.3198, 0.2677



54.1028, 0.3913, 0.4081



54.1028, 0.2280, 0.3101

Complementary

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



54.1028, 0.3198, 0.2677



72.8417, 0.3062, 0.3991

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.



54.1028, 0.2555, 0.3605



54.1028, 0.3198, 0.2677



54.1028, 0.3493, 0.4207

Square

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



54.1028, 0.3198, 0.2677



54.1028, 0.4127, 0.3761



54.1028, 0.2996, 0.4037



54.1028, 0.2215, 0.2711

Rectangle

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



54.1028, 0.3198, 0.2677



54.1028, 0.3962, 0.3232



54.1028, 0.2996, 0.4037



54.1028, 0.2349, 0.3264

Sweetspot

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



54.1052, 0.3198, 0.2677



87.5631, 0.3147, 0.3109



45.8744, 0.2696, 0.2533



18.2738, 0.3150, 0.3074



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.



54.1052, 0.3198, 0.2677



58.1069, 0.3215, 0.2549



52.5116, 0.3455, 0.2991



15.2917, 0.3150, 0.3076



12.6031, 0.3421, 0.1658



0.9958, 0.3388, 0.1640

Inverse Universe

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



54.1052, 0.3198, 0.2677



58.1069, 0.3215, 0.2549



74.2243, 0.2887, 0.3611



15.2917, 0.3150, 0.3076



12.6031, 0.3421, 0.1658



0.9958, 0.3388, 0.1640

Previews

White Background



This preview shows how the Yxy color 54.1028, 0.3198, 0.2677 looks on a white background.

Color Contrast Check

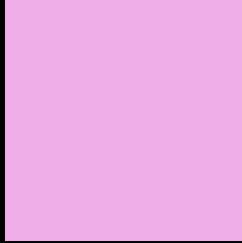
Large Text (above 18pt) WCAG AA × Fail

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 54.1028, 0.3198, 0.2677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

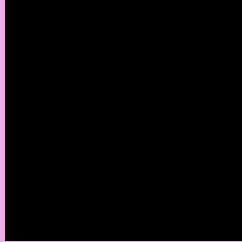
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.1028, 0.3198, 0.2677

Background



This preview shows how black text looks on a background with the Yxy color 54.1028, 0.3198, 0.2677.



This preview shows how white text looks on a background with the Yxy color 54.1028, 0.3198, 0.2677.

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

54.1028, 0.3198, 0.2677

Protanopia

54.6776, 0.2694, 0.2686

Deuteranopia

54.3544, 0.2901, 0.2836



Tritanopia

54.1437, 0.3453, 0.3135

Trichromacy



Original Color

54.1028, 0.3198, 0.2677



Protanomaly

53.9656, 0.2862, 0.2679



Deuteranomaly

53.9912, 0.3007, 0.2772



Tritanomaly

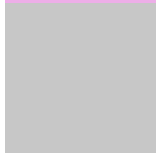
53.8873, 0.3365, 0.2961

Monochromacy



Original Color

54.1028, 0.3198, 0.2677



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

55.6762, 0.3155, 0.3049

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.1028, 0.3198, 0.2677 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(237, 174, 232)` looks like.

```
.text, #text, p{  
    color:rgb(237, 174, 232)  
}
```

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(237, 174, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 174, 232) }
```

Border

The CSS property to change the border of an element to Yxy 54.1028, 0.3198, 0.2677 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(237, 174, 232) }
```

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

```
.border{ border-color:rgb(237, 174, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 174, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 174, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 174, 232);  
box-shadow:4px 4px 4px 4px rgb(237, 174,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 54.1028, 0.3198, 0.2677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 174, 232) }
```

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

```
.background{ background-color: rgb(237,  
174, 232) }
```

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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