

Converting Colors

Yxy(53.2120, 0.3234, 0.2760)

Have a look what the booklet for
Yxy(53.2120, 0.3234, 0.2760)
contains.

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Color

Yxy(53.3654, 0.3228, 0.2761)

Conversions

Conversions Part 1

Format	Color
Hex	E9AFE0
RGB	233, 175, 224
RGB Percent	91%, 69%, 88%
CMY	0.0862, 0.3137, 0.1216
CMYK	0.00, 0.25, 0.04, 0.09
HSL	309°, 57%, 80%
HSV	309°, 25%, 91%
XYZ	62.3917, 53.3654, 77.5258
YIQ	197.9280, 18.8390, 27.5350

Conversions

Conversions Part 2

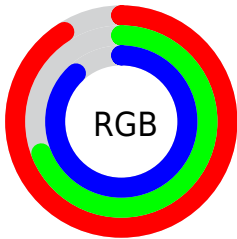
Format	Color
R _Y B	233, 175, 224
Decimal	15314912
CIE Lab	78.09, 28.98, -16.37
CIE LCh	78, 33.283, 330.546
Yxy	53.3654, 0.3228, 0.2761
Android (android.graphics.Color)	4293504992 (0xFFE9AFE0)
YUV	197.9280, 12.8535, 30.7581
Hunter-Lab	73.0516, 24.6124, -11.7851

Details

The Yxy color **53.3654, 0.3228, 0.2761** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **70.8638, 0.3041, 0.3884**, and the grayscale version is **56.3396, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.6318, 0.3138, 0.3058**, and **26.1308, 0.3249, 0.2632** is the 20% darker color. If you saturate the color by 10%, you get **44.8718, 0.3278, 0.2547**, and if you desaturate by 10%, it is **63.4329, 0.3184, 0.2977**.

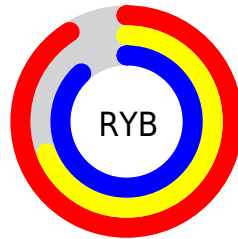
Distribution



Red (91%)

Green (69%)

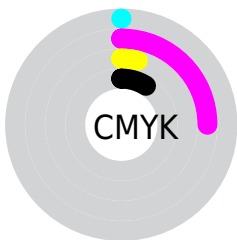
Blue (88%)



Red (91%)

Yellow (69%)

Blue (88%)

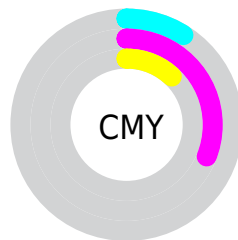


Cyan (0%)

Magenta (25%)

Yellow (4%)

Black (9%)



Cyan (9%)

Magenta (31%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.3654, 0.3228, 0.2761 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 53.3654, 0.3228, 0.2761 by changing the saturation by 10% instead.


 53.3654, 0.3228,
0.2761

 53.3654, 0.3228,
0.2761

399.6854, 0.3184,
0.3008

 38.0945, 0.3237,
0.2704


 95.1418, 0.3213,
0.2847

 26.0561, 0.3249,
0.2634


122.4162, 0.3207,
0.2880

 16.8656, 0.3262,
0.2545


154.4605, 0.3202,
0.2909

 10.1387, 0.3279,
0.2428

191.6592, 0.3198,
0.2934

 5.4910, 0.3300,
0.2268

234.3967, 0.3194,
0.2956

 2.5381, 0.3325,
0.2038

283.0573, 0.3190,

 0.8957, 0.3349,

0.2975

0.1684

338.0254, 0.3187,
0.2992

0.0000, 0.3566,
0.0000

0.0000, 0.0000,
0.0000

53.3654, 0.3228,
0.2761

53.3654, 0.3228,
0.2761

44.8718, 0.3278,
0.2547

63.4329, 0.3184,
0.2977

37.8647, 0.3332,
0.2342

75.1419, 0.3144,
0.3189

32.2589, 0.3390,
0.2157

88.5645, 0.3110,
0.3392

27.9577, 0.3451,
0.2002

95.0488, 0.3086,
0.3455

■ 24.8520, 0.3511,
0.1886

■ 95.2646, 0.3065,
0.3419

■ 22.8154, 0.3570,
0.1814

■ 95.4848, 0.3045,
0.3382

■ 21.6924, 0.3626,
0.1787

■ 95.7094, 0.3025,
0.3346

■ 21.3470, 0.3653,
0.1786

■ 95.9383, 0.3005,
0.3309

■ 96.0667, 0.2994,
0.3290

Harmonies

Analogous

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



53.3654, 0.2792, 0.2598



53.3654, 0.3228, 0.2761



53.3654, 0.3664, 0.3043

Triad

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



53.3654, 0.3228, 0.2761



53.3654, 0.3801, 0.4008



53.3654, 0.2362, 0.3097

Complementary

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



53.3654, 0.3228, 0.2761



70.8638, 0.3041, 0.3884

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.



53.3654, 0.2597, 0.3533



53.3654, 0.3228, 0.2761



53.3654, 0.3422, 0.4092

Square

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



53.3654, 0.3228, 0.2761



53.3654, 0.4003, 0.3740



53.3654, 0.2981, 0.3918



53.3654, 0.2319, 0.2760

Rectangle

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



53.3654, 0.3228, 0.2761



53.3654, 0.3882, 0.3271



53.3654, 0.2981, 0.3918



53.3654, 0.2421, 0.3237

Sweetspot

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



53.3678, 0.3228, 0.2761



88.9577, 0.3152, 0.3145



46.6976, 0.2764, 0.2595



18.8472, 0.3155, 0.3132



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.



53.3678, 0.3228, 0.2761



59.7771, 0.3253, 0.2648



51.9404, 0.3470, 0.3064



15.2711, 0.3162, 0.3093



12.1257, 0.3645, 0.1782



0.9630, 0.3575, 0.1743

Inverse Universe

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



53.3678, 0.3228, 0.2761



59.7771, 0.3253, 0.2648



72.1914, 0.2874, 0.3529



15.2711, 0.3162, 0.3093



12.1257, 0.3645, 0.1782



0.9630, 0.3575, 0.1743

Previews

White Background



This preview shows how the Yxy color 53.3654, 0.3228, 0.2761 looks on a white background.

Color Contrast Check

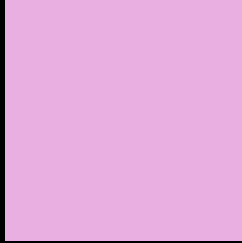
Large Text (above 18pt) WCAG AA × Fail

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 53.3654, 0.3228, 0.2761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

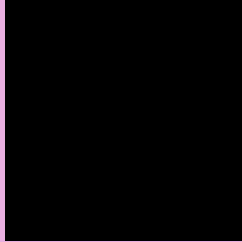
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.3654, 0.3228, 0.2761

Background



This preview shows how black text looks on a background with the Yxy color 53.3654, 0.3228, 0.2761.



This preview shows how white text looks on a background with the Yxy color 53.3654, 0.3228, 0.2761.

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

53.3654, 0.3228, 0.2761

Protanopia

53.8878, 0.2768, 0.2782

Deuteranopia

53.7578, 0.2971, 0.2914



Tritanopia

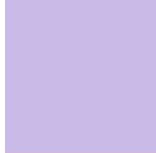
53.1956, 0.3438, 0.3133

Trichromacy



Original Color

53.3654, 0.3228, 0.2761



Protanomaly

53.4439, 0.2923, 0.2773



Deuteranomaly

53.4038, 0.3058, 0.2856



Tritanomaly

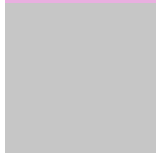
53.0716, 0.3356, 0.2990

Monochromacy



Original Color

53.3654, 0.3228, 0.2761



Achromatopsia

56.4712, 0.3127, 0.3290



Achromatomaly

55.1808, 0.3169, 0.3093

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3654, 0.3228, 0.2761 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(233, 175, 224)` looks like.

```
.text, #text, p{  
    color:rgb(233, 175, 224)  
}
```

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(233, 175, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 175, 224) }
```

Border

The CSS property to change the border of an element to Yxy 53.3654, 0.3228, 0.2761 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(233, 175, 224) }
```

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

```
.border{ border-color:rgb(233, 175, 224) }
```

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

Here you see how a box with a 4 pixel rgb(233, 175, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 175, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 175, 224);  
box-shadow:4px 4px 4px 4px rgb(233, 175,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3654, 0.3228, 0.2761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 175, 224) }
```

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

```
.background{ background-color: rgb(233,  
175, 224) }
```

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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