

Converting Colors

$Yxy(53.3016, 0.3208, 0.2774)$

Have a look what the booklet for
Yxy(53.3016, 0.3208, 0.2774)
contains.

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Color

Yxy(53.2555, 0.3202, 0.2768)

Conversions

Conversions Part 1

Format	Color
Hex	E6B0E0
RGB	230, 176, 224
RGB Percent	90%, 69%, 88%
CMY	0.0981, 0.3097, 0.1217
CMYK	0.00, 0.23, 0.03, 0.10
HSL	307°, 52%, 80%
HSV	307°, 23%, 90%
XYZ	61.6055, 53.2555, 77.5360
YIQ	197.6180, 16.7760, 26.3760

Conversions

Conversions Part 2

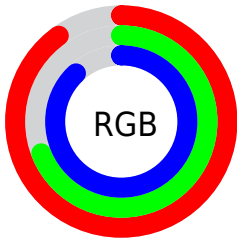
Format	Color
RYB	230, 176, 224
Decimal	15118560
CIELab	78.03, 27.43, -16.49
CIELCh	78, 32.000, 328.992
Yxy	53.2555, 0.3202, 0.2768
Android (android.graphics.Color)	4293308640 (0xFFE6B0E0)
YUV	197.6180, 13.0063, 28.3990
Hunter-Lab	72.9764, 22.9783, -11.9110

Details

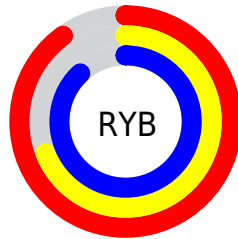
The Yxy color **53.2555, 0.3202, 0.2768** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **69.1935, 0.3060, 0.3875**, and the grayscale version is **56.1406, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1932, 0.3138, 0.3068**, and **26.0292, 0.3214, 0.2639** is the 20% darker color. If you saturate the color by 10%, you get **44.8513, 0.3240, 0.2544**, and if you desaturate by 10%, it is **63.1942, 0.3168, 0.2994**.

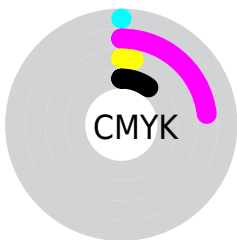
Distribution



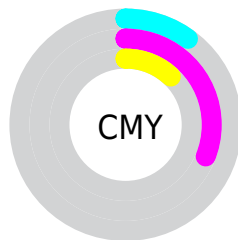
- Red (90%)
- Green (69%)
- Blue (88%)



- Red (90%)
- Yellow (69%)
- Blue (88%)



- Cyan (0%)
- Magenta (23%)
- Yellow (3%)
- Black (10%)





- Cyan (10%)
- Magenta (31%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.2555, 0.3202, 0.2768 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 53.2555, 0.3202, 0.2768 by changing the saturation by 10% instead.


 53.2555, 0.3202,
0.2768

 53.2555, 0.3202,
0.2768

399.2646, 0.3170,
0.3012

 38.0068, 0.3209,
0.2712


 94.9802, 0.3192,
0.2853

 25.9879, 0.3216,
0.2642

122.2250, 0.3187,
0.2886

 16.8146, 0.3225,
0.2554


154.2373, 0.3184,
0.2914

 10.1024, 0.3235,
0.2437

191.4014, 0.3180,
0.2939

 5.4669, 0.3247,
0.2279

234.1018, 0.3177,
0.2961

 2.5237, 0.3258,
0.2050

282.7229, 0.3175,

 0.8885, 0.3261,

0.2980

0.1695

337.6490, 0.3172,
0.2997

0.0000, 0.3355,
0.0000

0.0000, 0.0000,
0.0000

53.2555, 0.3202,
0.2768

53.2555, 0.3202,
0.2768

44.8513, 0.3240,
0.2544

63.1942, 0.3168,
0.2994

37.8978, 0.3281,
0.2329

74.7320, 0.3137,
0.3215

32.3134, 0.3324,
0.2134

87.9382, 0.3110,
0.3427

28.0062, 0.3368,
0.1969

94.2926, 0.3091,
0.3500

■ 24.8725, 0.3411,
0.1841

■ 94.4409, 0.3077,
0.3474

■ 22.7927, 0.3453,
0.1757

■ 94.5914, 0.3062,
0.3448

■ 21.6217, 0.3492,
0.1718

■ 94.7440, 0.3048,
0.3422

■ 21.1983, 0.3516,
0.1710

■ 94.8988, 0.3034,
0.3396

■ 95.0557, 0.3019,
0.3370

Harmonies

Analogous

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



53.2555, 0.2785, 0.2618



53.2555, 0.3202, 0.2768



53.2555, 0.3624, 0.3036

Triad

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



53.2555, 0.3202, 0.2768



53.2555, 0.3791, 0.3972



53.2555, 0.2397, 0.3126

Complementary

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



53.2555, 0.3202, 0.2768



69.1935, 0.3060, 0.3875

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.



53.2555, 0.2633, 0.3546



53.2555, 0.3202, 0.2768



53.2555, 0.3434, 0.4062

Square

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



53.2555, 0.3202, 0.2768



53.2555, 0.3974, 0.3710



53.2555, 0.3009, 0.3907



53.2555, 0.2344, 0.2794

Rectangle

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



53.2555, 0.3202, 0.2768



53.2555, 0.3840, 0.3255



53.2555, 0.3009, 0.3907



53.2555, 0.2457, 0.3262

Sweetspot

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



53.2578, 0.3202, 0.2768



89.0080, 0.3147, 0.3137



46.6434, 0.2768, 0.2637



18.8589, 0.3149, 0.3124



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.



53.2578, 0.3202, 0.2768



62.0939, 0.3219, 0.2662



51.9362, 0.3422, 0.3048



14.5861, 0.3155, 0.3084



12.0149, 0.3510, 0.1707



0.8958, 0.3460, 0.1680

Inverse Universe

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



53.2578, 0.3202, 0.2768



62.0939, 0.3219, 0.2662



70.3888, 0.2903, 0.3546



14.5861, 0.3155, 0.3084



12.0149, 0.3510, 0.1707



0.8958, 0.3460, 0.1680

Previews

White Background



This preview shows how the Yxy color 53.2555, 0.3202, 0.2768 looks on a white background.

Color Contrast Check

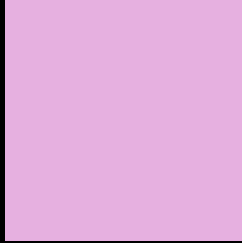
Large Text (above 18pt) WCAG AA × Fail

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 53.2555, 0.3202, 0.2768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

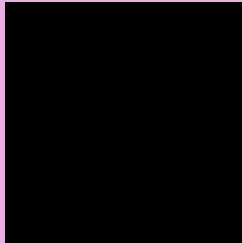
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.2555, 0.3202, 0.2768

Background



This preview shows how black text looks on a background with the Yxy color 53.2555, 0.3202, 0.2768.



This preview shows how white text looks on a background with the Yxy color 53.2555, 0.3202, 0.2768.

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

53.2555, 0.3202, 0.2768

Protanopia

53.3925, 0.2774, 0.2781

Deuteranopia

53.2461, 0.2956, 0.2890



Tritanopia

53.1566, 0.3402, 0.3132

Trichromacy



Original Color

53.2555, 0.3202, 0.2768

Protanomaly

53.2485, 0.2923, 0.2782

Deuteranomaly

53.3103, 0.3043, 0.2844

Tritanomaly

53.0273, 0.3321, 0.2988

Monochromacy



Original Color

53.2555, 0.3202, 0.2768

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.0335, 0.3161, 0.3092

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2555, 0.3202, 0.2768 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(230, 176, 224)` looks like.

```
.text, #text, p{  
    color:rgb(230, 176, 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(230, 176, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 176, 224) }
```

Border

The CSS property to change the border of an element to Yxy 53.2555, 0.3202, 0.2768 is called "border". The border property can be set on classes, ids or directly on the HTML element.

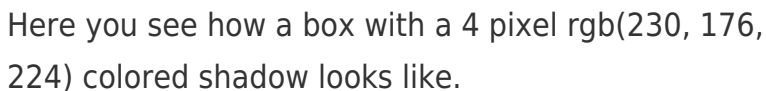
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(230, 176, 224) }
```

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

```
.border{ border-color:rgb(230, 176, 224) }
```

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



Here you see how a box with a 4 pixel `rgb(230, 176, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(230, 176, 224); -webkit-box-shadow:4px 4px 4px 4px rgb(230, 176, 224); box-shadow:4px 4px 4px 4px rgb(230, 176, 224) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2555, 0.3202, 0.2768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 176, 224) }
```

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

```
.background{ background-color: rgb(230,  
176, 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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