

Converting Colors

$Yxy(51.2075, 0.3655, 0.3360)$

Have a look what the booklet for
Yxy(51.2075, 0.3655, 0.3360)
contains.

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Color

Yxy(51.2075, 0.3655, 0.3360)

Conversions

Conversions Part 1

Format	Color
Hex	E6B1AB
RGB	230, 177, 171
RGB Percent	90%, 69%, 67%
CMY	0.0981, 0.3058, 0.3293
CMYK	0.00, 0.23, 0.26, 0.10
HSL	6°, 54%, 79%
HSV	6°, 26%, 90%
XYZ	55.7034, 51.2075, 45.4924
YIQ	192.1630, 33.5140, 9.3700

Conversions

Conversions Part 2

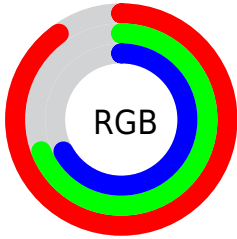
Format	Color
RYB	230, 178, 171
Decimal	15118763
CIELab	76.80, 18.41, 10.49
CIElCh	77, 21.186, 29.683
Yxy	51.2075, 0.3655, 0.3360
Android (android.graphics.Color)	4293308843 (0xFFE6B1AB)
YUV	192.1630, -10.4334, 33.1830
Hunter-Lab	71.5594, 13.7193, 12.3992

Details

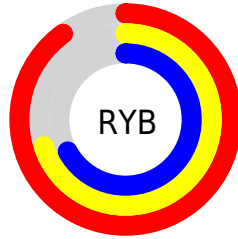
The Yxy color **51.2075, 0.3655, 0.3360** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **67.6860, 0.2746, 0.3219**, and the grayscale version is **52.8616, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.0288, 0.3323, 0.3360**, and **24.6314, 0.3797, 0.3367** is the 20% darker color. If you saturate the color by 10%, you get **42.8519, 0.3948, 0.3389**, and if you desaturate by 10%, it is **60.9567, 0.3415, 0.3331**.

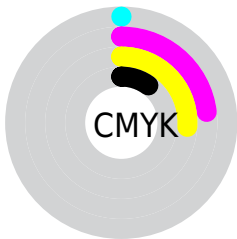
Distribution



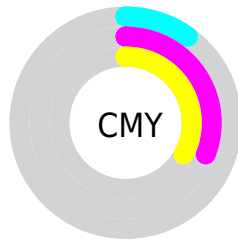
- Red (90%)
- Green (69%)
- Blue (67%)



- Red (90%)
- Yellow (70%)
- Blue (67%)



- Cyan (0%)
- Magenta (23%)
- Yellow (26%)
- Black (10%)





- Cyan (10%)
- Magenta (31%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.2075, 0.3655, 0.3360 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 51.2075, 0.3655, 0.3360 by changing the saturation by 10% instead.

 51.2075, 0.3655,
0.3360

 51.2075, 0.3655,
0.3360


391.3694, 0.3393,
0.3331

 36.3738, 0.3720,
0.3366


 91.9614, 0.3560,
0.3351

 24.7230, 0.3802,
0.3372


118.6504, 0.3524,
0.3347

 15.8708, 0.3912,
0.3379


150.0599, 0.3494,
0.3343

 9.4328, 0.4063,
0.3385

186.5744, 0.3468,
0.3340

 5.0245, 0.4283,
0.3388

228.5782, 0.3446,
0.3337

 2.2617, 0.4635,
0.3378

276.4557, 0.3426,

 0.7533, 0.5899,

0.3335

0.3677

330.5913, 0.3408,
0.3333

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.2075, 0.3655,
0.3360

51.2075, 0.3655,
0.3360

42.8519, 0.3948,
0.3389

60.9567, 0.3415,
0.3331

35.8195, 0.4300,
0.3416

72.1516, 0.3220,
0.3304

30.0444, 0.4709,
0.3437

84.8505, 0.3062,
0.3279

25.4522, 0.5156,
0.3447

95.5596, 0.2976,
0.3290

■ 21.9608, 0.5604,
0.3440

■ 19.4774, 0.5990,
0.3414

■ 17.8936, 0.6255,
0.3370

■ 17.4452, 0.6333,
0.3354

Harmonies

Analogous

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



51.2075, 0.3467, 0.3124



51.2075, 0.3655, 0.3360



51.2075, 0.3694, 0.3590

Triad

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



51.2075, 0.3655, 0.3360



51.2075, 0.3047, 0.3689



51.2075, 0.2690, 0.2832

Complementary

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



51.2075, 0.3655, 0.3360



67.6860, 0.2746, 0.3219

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.



51.2075, 0.2590, 0.2956



51.2075, 0.3655, 0.3360



51.2075, 0.2790, 0.3456

Square

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



51.2075, 0.3655, 0.3360



51.2075, 0.3334, 0.3799



51.2075, 0.2626, 0.3182



51.2075, 0.2905, 0.2828

Rectangle

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



51.2075, 0.3655, 0.3360



51.2075, 0.3629, 0.3712



51.2075, 0.2626, 0.3182



51.2075, 0.2642, 0.2861

Sweetspot

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



51.2099, 0.3655, 0.3360



87.6118, 0.3264, 0.3311



51.3445, 0.3205, 0.2712



18.2833, 0.3292, 0.3315



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.



51.2099, 0.3655, 0.3360



58.6596, 0.3810, 0.3376



64.0971, 0.3574, 0.3686



14.6019, 0.3290, 0.3314



9.9601, 0.6317, 0.3366



0.8161, 0.6126, 0.3517

Inverse Universe

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



67.6860, 0.2746, 0.3219



82.9558, 0.2670, 0.3201



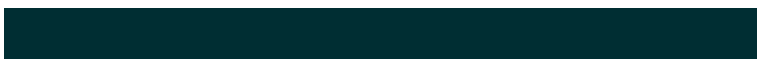
53.2303, 0.2713, 0.2859



16.0734, 0.2982, 0.3265



28.5145, 0.2158, 0.2969



2.1796, 0.2172, 0.3020

Previews

White Background



This preview shows how the Yxy color 51.2075, 0.3655, 0.3360 looks on a white background.

Color Contrast Check

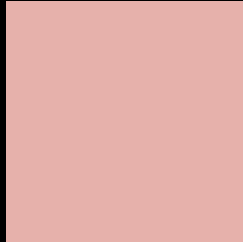
Large Text (above 18pt) WCAG AA × Fail

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 51.2075, 0.3655, 0.3360 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 51.2075, 0.3655, 0.3360

Background



This preview shows how black text looks on a background with the Yxy color 51.2075, 0.3655, 0.3360.



This preview shows how white text looks on a background with the Yxy color 51.2075, 0.3655, 0.3360.

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

51.2075, 0.3655, 0.3360

Protanopia

51.3053, 0.3279, 0.3440

Deuteranopia

51.2163, 0.3514, 0.3447



Tritanopia

51.0587, 0.3528, 0.3133

Trichromacy



Original Color

51.2075, 0.3655, 0.3360

Protanomaly

51.2030, 0.3405, 0.3412

Deuteranomaly

51.1657, 0.3563, 0.3421

Tritanomaly

51.0263, 0.3571, 0.3212

Monochromacy



Original Color

51.2075, 0.3655, 0.3360

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.1232, 0.3311, 0.3327

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.2075, 0.3655, 0.3360 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, 177, 171)` looks like.

```
.text, #text, p{  
    color:rgb(230, 177, 171)  
}
```

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, 177, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 177, 171) }
```

Border

The CSS property to change the border of an element to Yxy 51.2075, 0.3655, 0.3360 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, 177, 171) }
```

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

```
.border{ border-color:rgb(230, 177, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 177, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 177, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 177, 171);  
box-shadow:4px 4px 4px 4px rgb(230, 177,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 51.2075, 0.3655, 0.3360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 177, 171) }
```

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

```
.background{ background-color: rgb(230,  
177, 171) }
```

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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