

Converting Colors

$Y_{xy}(50.5070, 0.3469, 0.3029)$

Have a look what the booklet for
Yxy(50.5070, 0.3469, 0.3029)
contains.

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Color

Yxy(50.6010, 0.3470, 0.3033)

Conversions

Conversions Part 1

Format	Color
Hex	E8ACC3
RGB	232, 172, 195
RGB Percent	91%, 67%, 76%
CMY	0.0900, 0.3255, 0.2353
CMYK	0.00, 0.26, 0.16, 0.09
HSL	337°, 57%, 79%
HSV	337°, 26%, 91%
XYZ	57.8917, 50.6010, 58.3421
YIQ	192.5620, 28.3770, 19.8730

Conversions

Conversions Part 2

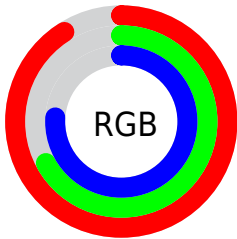
Format	Color
R_{YB}	232, 172, 195
Decimal	15248579
CIE _{Lab}	76.44, 25.40, -3.07
CIE _{LCh}	76, 25.585, 353.107
Yxy	50.6010, 0.3470, 0.3033
Android (android.graphics.Color)	4293438659 (0xFFE8ACC3)
YUV	192.5620, 1.2019, 34.5871
Hunter-Lab	71.1344, 20.7845, 1.1663

Details

The Yxy color **50.6010, 0.3470, 0.3033** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **71.1129, 0.2876, 0.3564**, and the grayscale version is **53.0408, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.7751, 0.3159, 0.3057**, and **24.3468, 0.3574, 0.2969** is the 20% darker color. If you saturate the color by 10%, you get **41.9125, 0.3656, 0.2929**, and if you desaturate by 10%, it is **60.8982, 0.3316, 0.3136**.

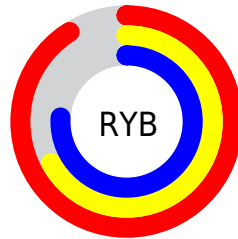
Distribution



Red (91%)

Green (67%)

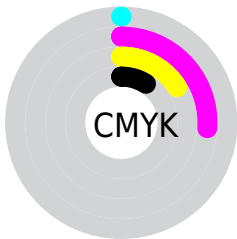
Blue (76%)



Red (91%)

Yellow (67%)

Blue (76%)

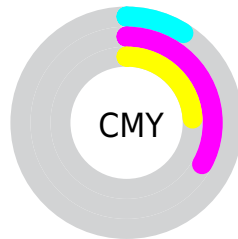


Cyan (0%)

Magenta (26%)

Yellow (16%)

Black (9%)



Cyan (9%)


Magenta (33%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.6010, 0.3470, 0.3033 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 50.6010, 0.3470, 0.3033 by changing the saturation by 10% instead.


 50.6010, 0.3470,
0.3033

 50.6010, 0.3470,
0.3033


389.0116, 0.3302,
0.3158

 35.8912, 0.3511,
0.3003


 91.0647, 0.3410,
0.3078

 24.3502, 0.3563,
0.2965


117.5874, 0.3387,
0.3095

 15.5936, 0.3632,
0.2915


148.8164, 0.3367,
0.3109

 9.2370, 0.3725,
0.2847

185.1363, 0.3351,
0.3122

 4.8961, 0.3862,
0.2751

226.9314, 0.3336,
0.3132

 2.1864, 0.4077,
0.2600

274.5860, 0.3323,

 0.7126, 0.4484,

0.3142

0.2308

328.4846, 0.3312,
0.3150

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.6010, 0.3470,
0.3033

50.6010, 0.3470,
0.3033

41.9125, 0.3656,
0.2929

60.8982, 0.3316,
0.3136

34.7439, 0.3877,
0.2829

72.8732, 0.3190,
0.3235

29.0083, 0.4136,
0.2742

86.5994, 0.3087,
0.3327

24.6070, 0.4429,
0.2680

95.7277, 0.3003,
0.3317

■ 21.4289, 0.4745,
0.2654

■ 95.9033, 0.2988,
0.3290

■ 19.3442, 0.5066,
0.2678

■ 18.1932, 0.5366,
0.2754

■ 17.8829, 0.5483,
0.2794

Harmonies

Analogous

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



50.6010, 0.3121, 0.2825



50.6010, 0.3470, 0.3033



50.6010, 0.3733, 0.3306

Triad

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



50.6010, 0.3470, 0.3033



50.6010, 0.3446, 0.3914



50.6010, 0.2478, 0.2933

Complementary

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



50.6010, 0.3470, 0.3033



71.1129, 0.2876, 0.3564

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.



50.6010, 0.2554, 0.3226



50.6010, 0.3470, 0.3033



50.6010, 0.3103, 0.3824

Square

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



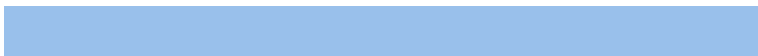
50.6010, 0.3470, 0.3033



50.6010, 0.3713, 0.3818



50.6010, 0.2779, 0.3562



50.6010, 0.2562, 0.2758

Rectangle

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



50.6010, 0.3470, 0.3033



50.6010, 0.3814, 0.3498



50.6010, 0.2779, 0.3562



50.6010, 0.2486, 0.3020

Sweetspot

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



50.6033, 0.3470, 0.3033



86.8837, 0.3215, 0.3214



48.8874, 0.2968, 0.2609



18.1023, 0.3234, 0.3199



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.



50.6033, 0.3470, 0.3033



56.7587, 0.3564, 0.2978



52.3790, 0.3659, 0.3371



14.4589, 0.3232, 0.3200



9.9463, 0.5441, 0.2771



0.7527, 0.5046, 0.2554

Inverse Universe

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



50.6033, 0.3470, 0.3033



56.7587, 0.3564, 0.2978



68.4689, 0.2741, 0.3207



14.4589, 0.3232, 0.3200



9.9463, 0.5441, 0.2771



0.7527, 0.5046, 0.2554

Previews

White Background



This preview shows how the Yxy color 50.6010, 0.3470, 0.3033 looks on a white background.

Color Contrast Check

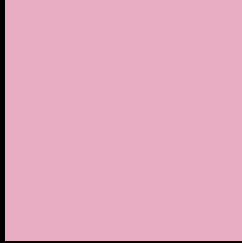
Large Text (above 18pt) WCAG AA × Fail

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 50.6010, 0.3470, 0.3033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

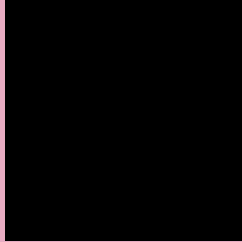
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.6010, 0.3470, 0.3033

Background



This preview shows how black text looks on a background with the Yxy color 50.6010, 0.3470, 0.3033.



This preview shows how white text looks on a background with the Yxy color 50.6010, 0.3470, 0.3033.

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

50.6010, 0.3470, 0.3033

Protanopia

51.0174, 0.3007, 0.3092

Deuteranopia

50.6964, 0.3235, 0.3170



Tritanopia

50.4639, 0.3530, 0.3133

Trichromacy



Original Color

50.6010, 0.3470, 0.3033

Protanomaly

50.5103, 0.3163, 0.3062

Deuteranomaly

50.5823, 0.3317, 0.3114

Tritanomaly

50.5938, 0.3503, 0.3099

Monochromacy



Original Color

50.6010, 0.3470, 0.3033

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

51.8584, 0.3242, 0.3183

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.6010, 0.3470, 0.3033 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(232, 172, 195)` looks like.

```
.text, #text, p{  
    color:rgb(232, 172, 195)  
}
```

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(232, 172, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 172, 195) }
```

Border

The CSS property to change the border of an element to Yxy 50.6010, 0.3470, 0.3033 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(232, 172, 195) }
```

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

```
.border{ border-color:rgb(232, 172, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 172, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 172, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 172, 195);  
box-shadow:4px 4px 4px 4px rgb(232, 172,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 50.6010, 0.3470, 0.3033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 172, 195) }
```

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

```
.background{ background-color: rgb(232,  
172, 195) }
```

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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