

Converting Colors

$Yxy(50.7304, 0.3732, 0.3331)$

Have a look what the booklet for
Yxy(50.7304, 0.3732, 0.3331)
contains.

Yxy(50.6223, 0.3731, 0.3326)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(50.6223, 0.3731, 0.3326)

Conversions

Conversions Part 1

Format	Color
Hex	ECADAA
RGB	236, 173, 170
RGB Percent	93%, 68%, 67%
CMY	0.0745, 0.3215, 0.3334
CMYK	0.00, 0.27, 0.28, 0.07
HSL	3°, 63%, 80%
HSV	3°, 28%, 93%
XYZ	56.7865, 50.6223, 44.7930
YIQ	191.4950, 38.5110, 12.4230

Conversions

Conversions Part 2

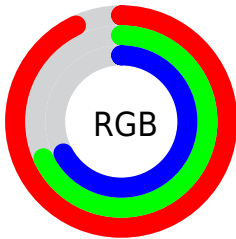
Format	Color
R _Y B	236, 173, 170
Decimal	15510954
CIE Lab	76.45, 22.63, 10.65
CIE LCh	76, 25.010, 25.202
Yxy	50.6223, 0.3731, 0.3326
Android (android.graphics.Color)	4293701034 (0xFFECADAA)
YUV	191.4950, -10.5970, 39.0309
Hunter-Lab	71.1493, 17.9549, 12.4778

Details

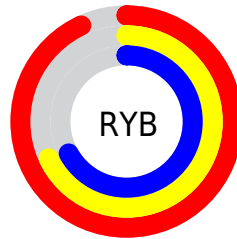
The Yxy color **50.6223, 0.3731, 0.3326** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **72.8460, 0.2717, 0.3254**, and the grayscale version is **52.4489, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.7349, 0.3335, 0.3330**, and **24.3247, 0.3902, 0.3322** is the 20% darker color. If you saturate the color by 10%, you get **41.8915, 0.4049, 0.3340**, and if you desaturate by 10%, it is **60.9727, 0.3472, 0.3312**.

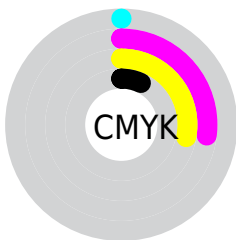
Distribution



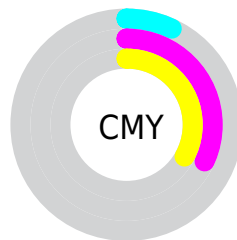
- Red (93%)
- Green (68%)
- Blue (67%)



- Red (93%)
- Yellow (68%)
- Blue (67%)



- Cyan (0%)
- Magenta (27%)
- Yellow (28%)
- Black (7%)




- Cyan (7%)
- Magenta (32%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.6223, 0.3731, 0.3326 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 50.6223, 0.3731, 0.3326 by changing the saturation by 10% instead.


 50.6223, 0.3731,
0.3326

 50.6223, 0.3731,
0.3326

389.0946, 0.3430,
0.3315

 35.9081, 0.3805,
0.3327


 91.0962, 0.3622,
0.3323

 24.3632, 0.3901,
0.3327

117.6247, 0.3581,
0.3322

 15.6033, 0.4026,
0.3325


148.8602, 0.3546,
0.3321

 9.2439, 0.4200,
0.3319

185.1869, 0.3517,
0.3319

 4.9006, 0.4454,
0.3303

226.9893, 0.3491,
0.3318

 2.1891, 0.4858,
0.3259

274.6518, 0.3468,

 0.7140, 0.6341,

0.3317

0.3498

328.5587, 0.3448,
0.3316

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.6223, 0.3731,
0.3326

50.6223, 0.3731,
0.3326

41.8915, 0.4049,
0.3340

60.9727, 0.3472,
0.3312

34.6916, 0.4432,
0.3352

73.0111, 0.3264,
0.3300

28.9366, 0.4872,
0.3360

86.8109, 0.3096,
0.3288

24.5288, 0.5343,
0.3363

96.5712, 0.3011,
0.3290

■ 21.3588, 0.5791,
0.3357

■ 19.2996, 0.6144,
0.3341

■ 18.1957, 0.6349,
0.3320

■ 18.0677, 0.6376,
0.3319

Harmonies

Analogous

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



50.6223, 0.3484, 0.3056



50.6223, 0.3731, 0.3326



50.6223, 0.3805, 0.3602

Triad

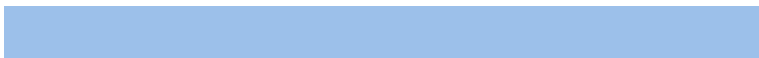
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



50.6223, 0.3731, 0.3326



50.6223, 0.3080, 0.3798



50.6223, 0.2585, 0.2763

Complementary

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



50.6223, 0.3731, 0.3326



72.8460, 0.2717, 0.3254

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.



50.6223, 0.2492, 0.2926



50.6223, 0.3731, 0.3326



50.6223, 0.2767, 0.3534

Square

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



50.6223, 0.3731, 0.3326



50.6223, 0.3418, 0.3900



50.6223, 0.2557, 0.3206



50.6223, 0.2818, 0.2740

Rectangle

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



50.6223, 0.3731, 0.3326



50.6223, 0.3746, 0.3757



50.6223, 0.2557, 0.3206



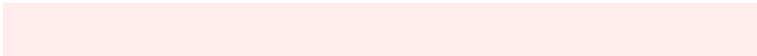
50.6223, 0.2537, 0.2802

Sweetspot

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



50.6247, 0.3731, 0.3326



86.9616, 0.3265, 0.3300



52.4979, 0.3177, 0.2615



18.1212, 0.3293, 0.3302



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.



50.6247, 0.3731, 0.3326



53.7164, 0.3920, 0.3334



64.4815, 0.3635, 0.3678



15.1653, 0.3292, 0.3301



10.0110, 0.6367, 0.3327



0.8255, 0.6276, 0.3399

Inverse Universe

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



72.8460, 0.2717, 0.3254



84.5743, 0.2638, 0.3245



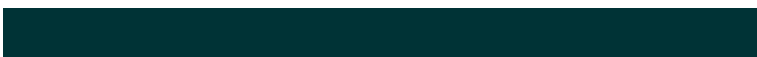
56.2689, 0.2677, 0.2867



16.9959, 0.2981, 0.3279



33.1121, 0.2207, 0.3146



2.6369, 0.2213, 0.3167

Previews

White Background



This preview shows how the Yxy color 50.6223, 0.3731, 0.3326 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 50.6223, 0.3731, 0.3326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

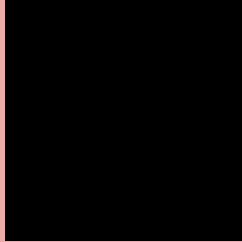
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.6223, 0.3731, 0.3326

Background



This preview shows how black text looks on a background with the Yxy color 50.6223, 0.3731, 0.3326.



This preview shows how white text looks on a background with the Yxy color 50.6223, 0.3731, 0.3326.

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

50.6223, 0.3731, 0.3326

Protanopia

50.7829, 0.3264, 0.3416

Deuteranopia

50.7301, 0.3533, 0.3459



Tritanopia

50.5910, 0.3616, 0.3147

Trichromacy



Original Color

50.6223, 0.3731, 0.3326

Protanomaly

50.6638, 0.3427, 0.3388

Deuteranomaly

50.7927, 0.3605, 0.3409

Tritanomaly

50.7642, 0.3660, 0.3213

Monochromacy



Original Color

50.6223, 0.3731, 0.3326

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

50.9653, 0.3332, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.6223, 0.3731, 0.3326 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(236, 173, 170)` looks like.

```
.text, #text, p{  
    color:rgb(236, 173, 170)  
}
```

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(236, 173, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 173, 170) }
```

Border

The CSS property to change the border of an element to Yxy 50.6223, 0.3731, 0.3326 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(236, 173, 170) }
```

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

```
.border{ border-color:rgb(236, 173, 170) }
```

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

Here you see how a box with a 4 pixel rgb(236, 173, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 173, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 173, 170);  
box-shadow:4px 4px 4px 4px rgb(236, 173,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 50.6223, 0.3731, 0.3326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 173, 170) }
```

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

```
.background{ background-color: rgb(236,  
173, 170) }
```

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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