

Converting Colors

$Y_{xy}(51.1696, 0.3664, 0.3372)$

Have a look what the booklet for
Yxy(51.1696, 0.3664, 0.3372)
contains.

Yxy(51.1696, 0.3664, 0.3372)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(51.1696, 0.3664, 0.3372)

Conversions

Conversions Part 1

Format	Color
Hex	E6B1AA
RGB	230, 177, 170
RGB Percent	90%, 69%, 67%
CMY	0.0982, 0.3058, 0.3333
CMYK	0.00, 0.23, 0.26, 0.10
HSL	7°, 54%, 78%
HSV	7°, 26%, 90%
XYZ	55.6007, 51.1696, 44.9783
YIQ	192.0490, 33.8350, 9.0590

Conversions

Conversions Part 2

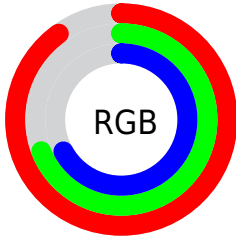
Format	Color
R _Y B	230, 178, 170
Decimal	15118762
CIE Lab	76.78, 18.25, 11.02
CIE LCh	77, 21.315, 31.123
Yxy	51.1696, 0.3664, 0.3372
Android (android.graphics.Color)	4293308842 (0xFFE6B1AA)
YUV	192.0490, -10.8702, 33.2830
Hunter-Lab	71.5329, 13.5607, 12.7929

Details

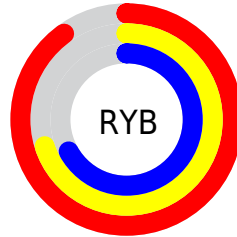
The Yxy color **51.1696, 0.3664, 0.3372** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **66.9988, 0.2738, 0.3206**, and the grayscale version is **52.7923, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.9741, 0.3330, 0.3370**, and **24.6075, 0.3809, 0.3383** is the 20% darker color. If you saturate the color by 10%, you get **42.9422, 0.3957, 0.3405**, and if you desaturate by 10%, it is **60.7473, 0.3424, 0.3339**.

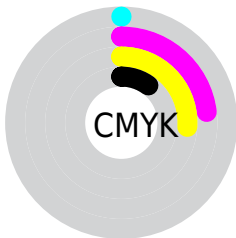
Distribution



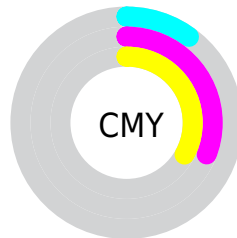
- Red (90%)
- Green (69%)
- Blue (67%)



- 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 51.1696, 0.3664, 0.3372 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 51.1696, 0.3664, 0.3372 by changing the saturation by 10% instead.

 51.1696, 0.3664,
0.3372

 51.1696, 0.3664,
0.3372


391.2224, 0.3397,
0.3337

 36.3436, 0.3730,
0.3379


 91.9054, 0.3568,
0.3361

 24.6997, 0.3814,
0.3387


118.5840, 0.3531,
0.3356

 15.8535, 0.3925,
0.3396


149.9823, 0.3500,
0.3352

 9.4205, 0.4079,
0.3404

186.4846, 0.3474,
0.3348

 5.0165, 0.4303,
0.3411

228.4754, 0.3451,
0.3345

 2.2569, 0.4660,
0.3405

276.3390, 0.3431,

 0.7508, 0.6007,

0.3342

0.3757

330.4599, 0.3413,
0.3339

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.1696, 0.3664,
0.3372

51.1696, 0.3664,
0.3372

42.9422, 0.3957,
0.3405

60.7473, 0.3424,
0.3339

35.9975, 0.4307,
0.3436

71.7248, 0.3228,
0.3308

30.2728, 0.4712,
0.3460

84.1577, 0.3068,
0.3279

25.6974, 0.5156,
0.3472

95.5557, 0.2975,
0.3290

■ 22.1931, 0.5597,
0.3464

■ 19.6720, 0.5980,
0.3434

■ 18.0318, 0.6243,
0.3384

■ 17.5961, 0.6316,
0.3367

Harmonies

Analogous

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



51.1696, 0.3481, 0.3134



51.1696, 0.3664, 0.3372



51.1696, 0.3695, 0.3602

Triad

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



51.1696, 0.3664, 0.3372



51.1696, 0.3033, 0.3683



51.1696, 0.2695, 0.2826

Complementary

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



51.1696, 0.3664, 0.3372



66.9988, 0.2738, 0.3206

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.



51.1696, 0.2589, 0.2945



51.1696, 0.3664, 0.3372



51.1696, 0.2777, 0.3444

Square

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



51.1696, 0.3664, 0.3372



51.1696, 0.3322, 0.3801



51.1696, 0.2618, 0.3169



51.1696, 0.2916, 0.2827

Rectangle

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



51.1696, 0.3664, 0.3372



51.1696, 0.3625, 0.3722



51.1696, 0.2618, 0.3169



51.1696, 0.2645, 0.2853

Sweetspot

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



51.1720, 0.3664, 0.3372



87.7968, 0.3263, 0.3314



50.8926, 0.3214, 0.2712



18.3294, 0.3292, 0.3318



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.



51.1720, 0.3664, 0.3372



59.1765, 0.3806, 0.3389



64.3315, 0.3580, 0.3704



14.6383, 0.3290, 0.3318



10.0569, 0.6299, 0.3380



0.8334, 0.6088, 0.3548

Inverse Universe

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



66.9988, 0.2738, 0.3206



82.2006, 0.2669, 0.3188



52.3911, 0.2704, 0.2838



16.0331, 0.2982, 0.3262



27.5522, 0.2144, 0.2918



2.1180, 0.2160, 0.2977

Previews

White Background



This preview shows how the Yxy color 51.1696, 0.3664, 0.3372 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 51.1696, 0.3664, 0.3372 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 51.1696, 0.3664, 0.3372

Background



This preview shows how black text looks on a background with the Yxy color 51.1696, 0.3664, 0.3372.



This preview shows how white text looks on a background with the Yxy color 51.1696, 0.3664, 0.3372.

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

51.1696, 0.3664, 0.3372

Protanopia

51.2655, 0.3287, 0.3453

Deuteranopia

51.3305, 0.3531, 0.3458



Tritanopia

51.0587, 0.3528, 0.3133

Trichromacy



Original Color

51.1696, 0.3664, 0.3372

Protanomaly

51.1638, 0.3414, 0.3425

Deuteranomaly

51.2845, 0.3581, 0.3433

Tritanomaly

50.9851, 0.3580, 0.3223

Monochromacy



Original Color

51.1696, 0.3664, 0.3372

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 51.1696, 0.3664, 0.3372 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, 170)` looks like.

```
.text, #text, p{  
    color:rgb(230, 177, 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(230, 177, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 177, 170) }
```

Border

The CSS property to change the border of an element to Yxy 51.1696, 0.3664, 0.3372 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, 170) }
```

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

```
.border{ border-color:rgb(230, 177, 170) }
```

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, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 177, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 177, 170);  
box-shadow:4px 4px 4px 4px rgb(230, 177,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 51.1696, 0.3664, 0.3372 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, 170) }
```

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

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