

Converting Colors

$Yxy(50.7588, 0.3585, 0.3364)$

Have a look what the booklet for
Yxy(50.7588, 0.3585, 0.3364)
contains.

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Color

Yxy(50.6666, 0.3590, 0.3361)

Conversions

Conversions Part 1

Format	Color
Hex	E0B2AC
RGB	224, 178, 172
RGB Percent	88%, 70%, 67%
CMY	0.1214, 0.3020, 0.3254
CMYK	0.00, 0.21, 0.23, 0.12
HSL	7°, 46%, 78%
HSV	7°, 23%, 88%
XYZ	54.1187, 50.6666, 45.9632
YIQ	191.0700, 29.3420, 7.8860

Conversions

Conversions Part 2

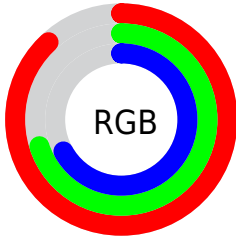
Format	Color
R_{YB}	224, 179, 172
Decimal	14725804
CIE _{Lab}	76.48, 15.81, 9.41
CIE _{LCh}	76, 18.402, 30.761
Yxy	50.6666, 0.3590, 0.3361
Android (android.graphics.Color)	4292915884 (0xFFE0B2AC)
YUV	191.0700, -9.4015, 28.8796
Hunter-Lab	71.1805, 11.1483, 11.5411

Details

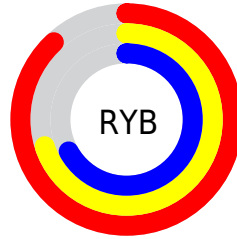
The Yxy color **50.6666, 0.3590, 0.3361** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **64.3379, 0.2779, 0.3218**, and the grayscale version is **52.1893, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.6517, 0.3316, 0.3360**, and **24.3481, 0.3718, 0.3369** is the 20% darker color. If you saturate the color by 10%, you get **42.5500, 0.3867, 0.3394**, and if you desaturate by 10%, it is **60.0740, 0.3363, 0.3329**.

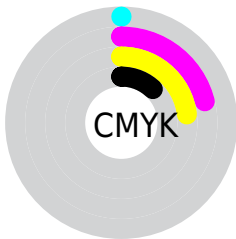
Distribution



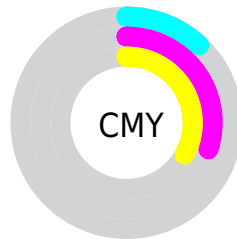
- Red (88%)
- Green (70%)
- Blue (67%)



- Red (88%)
- Yellow (70%)
- Blue (67%)



- Cyan (0%)
- Magenta (21%)
- Yellow (23%)
- Black (12%)



- Cyan (12%)
- Magenta (30%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.6666, 0.3590, 0.3361 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 50.6666, 0.3590, 0.3361 by changing the saturation by 10% instead.

 50.6666, 0.3590,
0.3361

 50.6666, 0.3590,
0.3361


389.2671, 0.3360,
0.3330

 35.9433, 0.3647,
0.3367


 91.1618, 0.3507,
0.3351

 24.3904, 0.3720,
0.3375


117.7025, 0.3475,
0.3347

 15.6235, 0.3816,
0.3383


148.9511, 0.3449,
0.3343

 9.2581, 0.3950,
0.3393

185.2920, 0.3426,
0.3340

 4.9099, 0.4146,
0.3402

227.1097, 0.3406,
0.3337

 2.1945, 0.4461,
0.3405

274.7885, 0.3389,

 0.7170, 0.5645,

0.3334

0.3719

328.7128, 0.3373,
0.3332

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.6666, 0.3590,
0.3361

50.6666, 0.3590,
0.3361

42.5500, 0.3867,
0.3394

60.0740, 0.3363,
0.3329

35.6611, 0.4200,
0.3425

70.8178, 0.3179,
0.3299

29.9422, 0.4591,
0.3451

82.9499, 0.3029,
0.3272

25.3281, 0.5026,
0.3467

94.5947, 0.2941,
0.3289

■ 21.7469, 0.5474,
0.3465

■ 19.1186, 0.5880,
0.3442

■ 17.3509, 0.6183,
0.3398

■ 16.5809, 0.6317,
0.3366

Harmonies

Analogous

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



50.6666, 0.3431, 0.3152



50.6666, 0.3590, 0.3361



50.6666, 0.3619, 0.3561

Triad

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



50.6666, 0.3590, 0.3361



50.6666, 0.3050, 0.3630



50.6666, 0.2750, 0.2888

Complementary

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



50.6666, 0.3590, 0.3361



64.3379, 0.2779, 0.3218

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.



50.6666, 0.2658, 0.2994



50.6666, 0.3590, 0.3361



50.6666, 0.2826, 0.3426

Square

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



50.6666, 0.3590, 0.3361



50.6666, 0.3300, 0.3730



50.6666, 0.2685, 0.3190



50.6666, 0.2942, 0.2886

Rectangle

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



50.6666, 0.3590, 0.3361



50.6666, 0.3561, 0.3664



50.6666, 0.2685, 0.3190



50.6666, 0.2706, 0.2912

Sweetspot

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



50.6689, 0.3590, 0.3361



89.2326, 0.3245, 0.3310



50.4712, 0.3196, 0.2768



18.9100, 0.3256, 0.3312



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.



50.6689, 0.3590, 0.3361



62.3132, 0.3721, 0.3377



61.6559, 0.3526, 0.3647



13.9525, 0.3289, 0.3318



9.7315, 0.6301, 0.3379



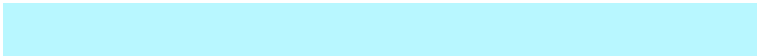
0.7601, 0.6081, 0.3554

Inverse Universe

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



64.3379, 0.2779, 0.3218



83.7633, 0.2710, 0.3200



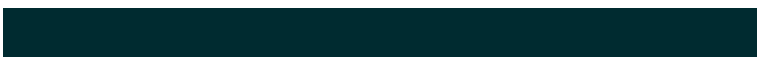
52.2199, 0.2754, 0.2905



15.2896, 0.2982, 0.3262



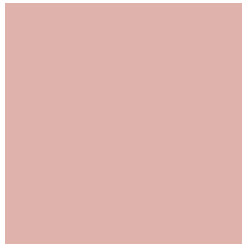
26.8275, 0.2146, 0.2926



1.9368, 0.2163, 0.2987

Previews

White Background



This preview shows how the Yxy color 50.6666, 0.3590, 0.3361 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 50.6666, 0.3590, 0.3361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

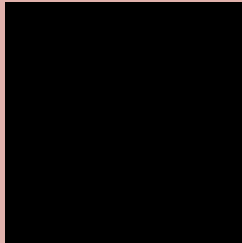
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.6666, 0.3590, 0.3361

Background



This preview shows how black text looks on a background with the Yxy color 50.6666, 0.3590, 0.3361.



This preview shows how white text looks on a background with the Yxy color 50.6666, 0.3590, 0.3361.

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

50.6666, 0.3590, 0.3361

Protanopia

50.7429, 0.3272, 0.3428

Deuteranopia

50.6923, 0.3499, 0.3423



Tritanopia

50.5028, 0.3464, 0.3130

Trichromacy



Original Color

50.6666, 0.3590, 0.3361

Protanomaly

50.4979, 0.3390, 0.3401

Deuteranomaly

50.8934, 0.3537, 0.3410

Tritanomaly

50.4771, 0.3506, 0.3210

Monochromacy



Original Color

50.6666, 0.3590, 0.3361

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.2750, 0.3287, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.6666, 0.3590, 0.3361 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(224, 178, 172)` looks like.

```
.text, #text, p{  
    color:rgb(224, 178, 172)  
}
```

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(224, 178, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 178, 172) }
```

Border

The CSS property to change the border of an element to Yxy 50.6666, 0.3590, 0.3361 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(224, 178, 172) }
```

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

```
.border{ border-color:rgb(224, 178, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 178, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 178, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 178, 172);  
box-shadow:4px 4px 4px 4px rgb(224, 178,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 50.6666, 0.3590, 0.3361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 178, 172) }
```

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

```
.background{ background-color: rgb(224,  
178, 172) }
```

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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