

Converting Colors

$Y_{xy}(47.7952, 0.3604, 0.3114)$

Have a look what the booklet for
Yxy(47.7952, 0.3604, 0.3114)
contains.

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Color

Yxy(47.8056, 0.3601, 0.3110)

Conversions

Conversions Part 1

Format	Color
Hex	E8A6B6
RGB	232, 166, 182
RGB Percent	91%, 65%, 71%
CMY	0.0903, 0.3490, 0.2863
CMYK	0.00, 0.28, 0.22, 0.09
HSL	345°, 59%, 78%
HSV	345°, 28%, 91%
XYZ	55.3530, 47.8056, 50.5571
YIQ	187.5580, 34.2000, 18.9680

Conversions

Conversions Part 2

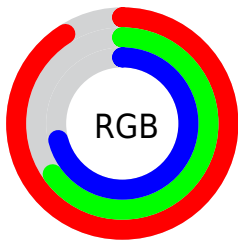
Format	Color
R_{YB}	232, 166, 182
Decimal	15247030
CIE _{Lab}	74.70, 26.59, 1.51
CIE _{LCh}	75, 26.631, 3.254
Yxy	47.8056, 0.3601, 0.3110
Android (android.graphics.Color)	4293437110 (0xFFE8A6B6)
YUV	187.5580, -2.7401, 38.9756
Hunter-Lab	69.1416, 21.9049, 5.0456

Details

The Yxy color **47.8056, 0.3601, 0.3110** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **70.7714, 0.2802, 0.3480**, and the grayscale version is **50.0276, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.6756, 0.3255, 0.3132**, and **22.5092, 0.3737, 0.3053** is the 20% darker color. If you saturate the color by 10%, you get **39.4379, 0.3845, 0.3044**, and if you desaturate by 10%, it is **57.7902, 0.3402, 0.3176**.

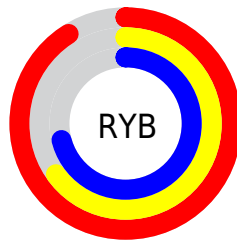
Distribution



Red (91%)

Green (65%)

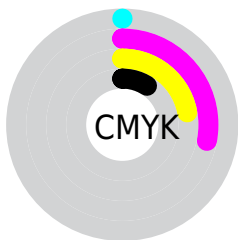
Blue (71%)



Red (91%)

Yellow (65%)

Blue (71%)

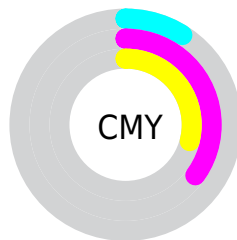


Cyan (0%)

Magenta (28%)

Yellow (22%)

Black (9%)



Cyan (9%)

Magenta (35%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.8056, 0.3601, 0.3110 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 47.8056, 0.3601, 0.3110 by changing the saturation by 10% instead.

 47.8056, 0.3601,
0.3110


 47.8056, 0.3601,
0.3110

378.0211, 0.3365,
0.3201

 33.6730, 0.3660,
0.3087


 86.9149, 0.3515,
0.3143

 22.6425, 0.3735,
0.3058


 112.6603, 0.3483,
0.3156

 14.3297, 0.3835,
0.3018


143.0455, 0.3456,
0.3166

 8.3504, 0.3975,
0.2963

178.4548, 0.3432,
0.3175

 4.3199, 0.4181,
0.2881

219.2726, 0.3412,
0.3183

 1.8541, 0.4517,
0.2744

265.8833, 0.3394,

 0.5206, 0.5462,

0.3190

0.2407

318.6713, 0.3379,
0.3195

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.8056, 0.3601,
0.3110

47.8056, 0.3601,
0.3110

39.4379, 0.3845,
0.3044

57.7902, 0.3402,
0.3176

32.5954, 0.4138,
0.2984

69.4638, 0.3240,
0.3240

27.1870, 0.4480,
0.2937

82.9026, 0.3108,
0.3299

23.1095, 0.4862,
0.2913

95.7214, 0.3002,
0.3316

■ 20.2457, 0.5260,
0.2922

■ 95.8931, 0.2987,
0.3290

■ 18.4576, 0.5635,
0.2973

■ 17.5466, 0.5945,
0.3059

■ 17.4402, 0.5988,
0.3072

Harmonies

Analogous

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



47.8056, 0.3248, 0.2862



47.8056, 0.3601, 0.3110



47.8056, 0.3826, 0.3409

Triad

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



47.8056, 0.3601, 0.3110



47.8056, 0.3345, 0.3945



47.8056, 0.2452, 0.2832

Complementary

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



47.8056, 0.3601, 0.3110



70.7714, 0.2802, 0.3480

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.



47.8056, 0.2475, 0.3105



47.8056, 0.3601, 0.3110



47.8056, 0.2977, 0.3781

Square

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



47.8056, 0.3601, 0.3110



47.8056, 0.3667, 0.3903



47.8056, 0.2662, 0.3460



47.8056, 0.2595, 0.2699

Rectangle

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



47.8056, 0.3601, 0.3110



47.8056, 0.3864, 0.3607



47.8056, 0.2662, 0.3460



47.8056, 0.2441, 0.2909

Sweetspot

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



47.8078, 0.3601, 0.3110



85.1513, 0.3249, 0.3236



47.6248, 0.3022, 0.2553



17.7483, 0.3270, 0.3227



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.



47.8078, 0.3601, 0.3110



53.0628, 0.3735, 0.3072



53.5709, 0.3701, 0.3479



14.4249, 0.3254, 0.3233



9.7002, 0.5949, 0.3051



0.7312, 0.5537, 0.2824

Inverse Universe

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



47.8078, 0.3601, 0.3110



53.0628, 0.3735, 0.3072



62.7856, 0.2695, 0.3092



14.4249, 0.3254, 0.3233



9.7002, 0.5949, 0.3051



0.7312, 0.5537, 0.2824

Previews

White Background



This preview shows how the Yxy color 47.8056, 0.3601, 0.3110 looks on a white background.

Color Contrast Check

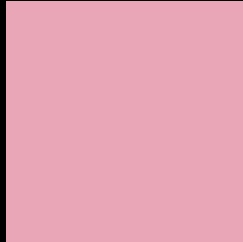
Large Text (above 18pt) WCAG AA × Fail

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 47.8056, 0.3601, 0.3110 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 47.8056, 0.3601, 0.3110

Background



This preview shows how black text looks on a background with the Yxy color 47.8056, 0.3601, 0.3110.



This preview shows how white text looks on a background with the Yxy color 47.8056, 0.3601, 0.3110.

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

47.8056, 0.3601, 0.3110

Protanopia

47.9870, 0.3074, 0.3175

Deuteranopia

47.9734, 0.3340, 0.3266



Tritanopia

47.6829, 0.3629, 0.3144

Trichromacy



Original Color

47.8056, 0.3601, 0.3110

Protanomaly

47.6317, 0.3256, 0.3155

Deuteranomaly

47.9044, 0.3428, 0.3207

Tritanomaly

47.7235, 0.3620, 0.3132

Monochromacy



Original Color

47.8056, 0.3601, 0.3110

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.0251, 0.3287, 0.3217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.8056, 0.3601, 0.3110 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, 166, 182)` looks like.

```
.text, #text, p{  
    color:rgb(232, 166, 182)  
}
```

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, 166, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 166, 182) }
```

Border

The CSS property to change the border of an element to Yxy 47.8056, 0.3601, 0.3110 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, 166, 182) }
```

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

```
.border{ border-color:rgb(232, 166, 182) }
```

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

Here you see how a box with a 4 pixel rgb(232, 166, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 166, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 166, 182);  
box-shadow:4px 4px 4px 4px rgb(232, 166,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 47.8056, 0.3601, 0.3110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 166, 182) }
```

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

```
.background{ background-color: rgb(232,  
166, 182) }
```

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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