

Converting Colors

$Y_{xy}(47.2509, 0.3452, 0.3119)$

Have a look what the booklet for
Yxy(47.2509, 0.3452, 0.3119)
contains.

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Color

Yxy(47.2702, 0.3454, 0.3126)

Conversions

Conversions Part 1

Format	Color
Hex	DBAAB8
RGB	219, 170, 184
RGB Percent	86%, 67%, 72%
CMY	0.1413, 0.3332, 0.2784
CMYK	0.00, 0.22, 0.16, 0.14
HSL	343°, 40%, 76%
HSV	343°, 22%, 86%
XYZ	52.2301, 47.2702, 51.7160
YIQ	186.2470, 24.7100, 14.7420

Conversions

Conversions Part 2

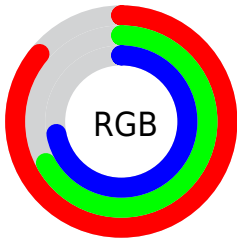
Format	Color
RYB	219, 170, 184
Decimal	14396088
CIELab	74.36, 20.05, -0.25
CIELCh	74, 20.050, 359.290
Yxy	47.2702, 0.3454, 0.3126
Android (android.graphics.Color)	4292586168 (0xFFDBAAB8)
YUV	186.2470, -1.1078, 28.7244
Hunter-Lab	68.7533, 15.2834, 3.5296

Details

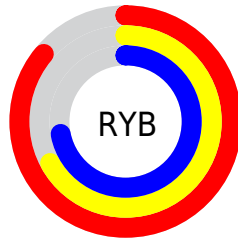
The Yxy color $47.2702, 0.3454, 0.3126$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $63.5972, 0.2880, 0.3461$, and the grayscale version is $49.2441, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.4017, 0.3239, 0.3143$, and $22.3821, 0.3542, 0.3087$ is the 20% darker color. If you saturate the color by 10%, you get $39.1138, 0.3656, 0.3048$, and if you desaturate by 10%, it is $56.8707, 0.3289, 0.3202$.

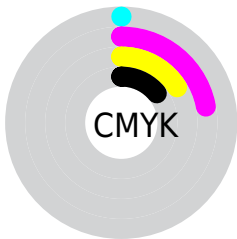
Distribution



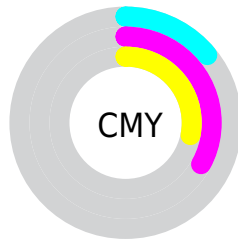
- Red (86%)
- Green (67%)
- Blue (72%)



- Red (86%)
- Yellow (67%)
- Blue (72%)



- Cyan (0%)
- Magenta (22%)
- Yellow (16%)
- Black (14%)





- Cyan (14%)
- Magenta (33%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.2702, 0.3454, 0.3126 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 47.2702, 0.3454, 0.3126 by changing the saturation by 10% instead.


 47.2702, 0.3454,
0.3126

 47.2702, 0.3454,
0.3126

375.8920, 0.3291,
0.3208

 33.2493, 0.3495,
0.3106


 86.1168, 0.3395,
0.3156

 22.3175, 0.3547,
0.3080


111.7113, 0.3373,
0.3167

 14.0904, 0.3616,
0.3045


141.9325, 0.3354,
0.3176

 8.1836, 0.3712,
0.2997

177.1647, 0.3338,
0.3184

 4.2126, 0.3856,
0.2925

217.7924, 0.3324,
0.3191

 1.7932, 0.4092,
0.2807

264.1999, 0.3311,

 0.4829, 0.4815,

0.3198

0.2440

316.7716, 0.3301,
0.3203

0.0000, 0.0000,
0.0000

47.2702, 0.3454,
0.3126

47.2702, 0.3454,
0.3126

39.1138, 0.3656,
0.3048

56.8707, 0.3289,
0.3202

32.3249, 0.3900,
0.2972

67.9741, 0.3155,
0.3274

26.8300, 0.4190,
0.2905

80.6436, 0.3046,
0.3341

22.5456, 0.4524,
0.2855

93.2626, 0.2956,
0.3376

19.3787, 0.4891,
0.2834

93.7937, 0.2911,
0.3289

■ 17.2222, 0.5264,
0.2854

■ 15.9480, 0.5611,
0.2919

■ 15.4072, 0.5840,
0.2991

Harmonies

Analogous

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



47.2702, 0.3183, 0.2941



47.2702, 0.3454, 0.3126



47.2702, 0.3638, 0.3356

Triad

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



47.2702, 0.3454, 0.3126



47.2702, 0.3332, 0.3785



47.2702, 0.2604, 0.2968

Complementary

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



47.2702, 0.3454, 0.3126



63.5972, 0.2880, 0.3461

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.



47.2702, 0.2641, 0.3189



47.2702, 0.3454, 0.3126



47.2702, 0.3053, 0.3680

Square

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



47.2702, 0.3454, 0.3126



47.2702, 0.3563, 0.3742



47.2702, 0.2802, 0.3455



47.2702, 0.2699, 0.2846

Rectangle

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



47.2702, 0.3454, 0.3126



47.2702, 0.3683, 0.3509



47.2702, 0.2802, 0.3455



47.2702, 0.2602, 0.3033

Sweetspot

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



47.2723, 0.3454, 0.3126



88.3409, 0.3215, 0.3241



46.7471, 0.3029, 0.2715



18.7044, 0.3223, 0.3236



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.



47.2723, 0.3454, 0.3126



60.8880, 0.3548, 0.3088



50.5228, 0.3557, 0.3407



13.1124, 0.3247, 0.3223



9.1560, 0.5802, 0.2970



0.6079, 0.5332, 0.2711

Inverse Universe

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



47.2723, 0.3454, 0.3126



60.8880, 0.3548, 0.3088



59.3461, 0.2788, 0.3169



13.1124, 0.3247, 0.3223



9.1560, 0.5802, 0.2970



0.6079, 0.5332, 0.2711

Previews

White Background



This preview shows how the Yxy color 47.2702, 0.3454, 0.3126 looks on a white background.

Color Contrast Check

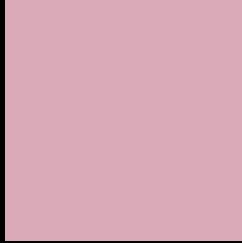
Large Text (above 18pt) WCAG AA × Fail

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 47.2702, 0.3454, 0.3126 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 47.2702, 0.3454, 0.3126

Background



This preview shows how black text looks on a background with the Yxy color 47.2702, 0.3454, 0.3126.



This preview shows how white text looks on a background with the Yxy color 47.2702, 0.3454, 0.3126.

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

47.2702, 0.3454, 0.3126

Protanopia

47.4078, 0.3074, 0.3175

Deuteranopia

47.2807, 0.3289, 0.3216



Tritanopia

47.2284, 0.3463, 0.3137

Trichromacy



Original Color

47.2702, 0.3454, 0.3126

Protanomaly

47.3419, 0.3211, 0.3166

Deuteranomaly

47.1009, 0.3356, 0.3181

Tritanomaly

47.2284, 0.3463, 0.3137

Monochromacy



Original Color

47.2702, 0.3454, 0.3126

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.1511, 0.3243, 0.3228

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.2702, 0.3454, 0.3126 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(219, 170, 184)` looks like.

```
.text, #text, p{  
    color:rgb(219, 170, 184)  
}
```

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(219, 170, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 170, 184) }
```

Border

The CSS property to change the border of an element to Yxy 47.2702, 0.3454, 0.3126 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(219, 170, 184) }
```

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

```
.border{ border-color:rgb(219, 170, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 170, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 170, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 170, 184);  
box-shadow:4px 4px 4px 4px rgb(219, 170,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 47.2702, 0.3454, 0.3126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 170, 184) }
```

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

```
.background{ background-color: rgb(219,  
170, 184) }
```

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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