

Converting Colors

Yxy(47.7567, 0.3123, 0.3503)

Have a look what the booklet for
Yxy(47.7567, 0.3123, 0.3503)
contains.

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Color

Yxy(47.8292, 0.3125, 0.3504)

Conversions

Conversions Part 1

Format	Color
Hex	ADBCAC
RGB	173, 188, 172
RGB Percent	68%, 74%, 67%
CMY	0.3217, 0.2627, 0.3255
CMYK	0.08, 0.00, 0.09, 0.26
HSL	116°, 11%, 71%
HSV	116°, 9%, 74%
XYZ	42.6559, 47.8292, 46.0138
YIQ	181.6910, -3.8040, -8.1560

Conversions

Conversions Part 2

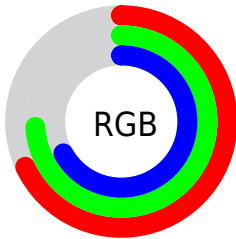
Format	Color
R _{YB}	172, 188, 187
Decimal	11386028
CIE Lab	74.72, -8.21, 6.32
CIE LCh	75, 10.364, 142.403
Yxy	47.8292, 0.3125, 0.3504
Android (android.graphics.Color)	4289576108 (0xFFADBCAC)
YUV	181.6910, -4.7777, -7.6220
Hunter-Lab	69.1587, -10.9319, 8.9633

Details

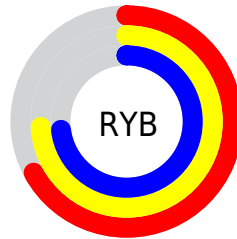
The Yxy color `47.8292, 0.3125, 0.3504` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `43.7099, 0.3128, 0.3084`, and the grayscale version is `46.6277, 0.3127, 0.3290`.

A 20% lighter version of the original color is `86.7414, 0.3125, 0.3466`, and `22.7490, 0.3125, 0.3566` is the 20% darker color. If you saturate the color by 10%, you get `45.2757, 0.3121, 0.3786`, and if you desaturate by 10%, it is `50.7557, 0.3127, 0.3255`.

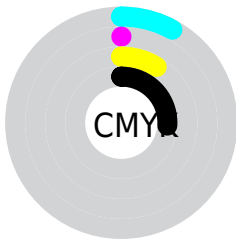
Distribution



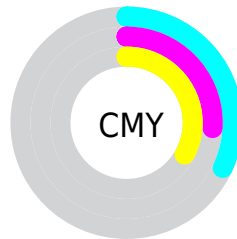
- Red (68%)
- Green (74%)
- Blue (67%)



- Red (67%)
- Yellow (74%)
- Blue (73%)



- Cyan (8%)
- Magenta (0%)
- Yellow (9%)
- Black (26%)





- Cyan (32%)
- Magenta (26%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.8292, 0.3125, 0.3504 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 47.8292, 0.3125, 0.3504 by changing the saturation by 10% instead.


 47.8292, 0.3125,
0.3504

 47.8292, 0.3125,
0.3504

378.1147, 0.3127,
0.3396

 33.6916, 0.3124,
0.3531


 86.9500, 0.3126,
0.3464

 22.6568, 0.3123,
0.3567

112.7021, 0.3126,
0.3450

 14.3403, 0.3122,
0.3614


143.0945, 0.3126,
0.3437

 8.3577, 0.3119,
0.3681

178.5116, 0.3126,
0.3427

 4.3247, 0.3114,
0.3783

219.3378, 0.3127,
0.3417

 1.8568, 0.3103,
0.3956

265.9574, 0.3127,


 0.5222, 0.3132,

0.3409

0.5528


318.7549, 0.3127,
0.3402


 0.0000, 0.0000,
0.0000

 47.8292, 0.3125,
0.3504


 47.8292, 0.3125,
0.3504

 45.2757, 0.3121,
0.3786


 50.7557, 0.3127,
0.3255

 43.0745, 0.3114,
0.4099


 54.0629, 0.3129,
0.3038


 41.2118, 0.3106,
0.4436

 57.7661, 0.3129,
0.2850

 39.6710, 0.3094,
0.4787

 61.8776, 0.3128,
0.2688

 38.4337, 0.3079,
0.5131

 64.4533, 0.3158,
0.2634

■ 37.4798, 0.3063,
0.5443

■ 36.7869, 0.3045,
0.5699

■ 36.3290, 0.3027,
0.5878

■ 36.0714, 0.3013,
0.5978

Harmonies

Analogous

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



47.8292, 0.3266, 0.3543



47.8292, 0.3125, 0.3504



47.8292, 0.2987, 0.3404

Triad

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



47.8292, 0.3125, 0.3504



47.8292, 0.2887, 0.3069



47.8292, 0.3373, 0.3300

Complementary

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



47.8292, 0.3125, 0.3504



43.7099, 0.3128, 0.3084

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.



47.8292, 0.3267, 0.3180



47.8292, 0.3125, 0.3504



47.8292, 0.2986, 0.3048

Square

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



47.8292, 0.3125, 0.3504



47.8292, 0.2851, 0.3150



47.8292, 0.3124, 0.3088



47.8292, 0.3411, 0.3421

Rectangle

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



47.8292, 0.3125, 0.3504



47.8292, 0.2914, 0.3317



47.8292, 0.3124, 0.3088



47.8292, 0.3344, 0.3258

Sweetspot

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



47.8312, 0.3125, 0.3504



89.4837, 0.3127, 0.3364



49.1909, 0.3253, 0.3483



19.1510, 0.3126, 0.3384



95.5105, 0.3127, 0.3290



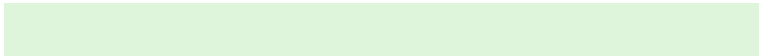
19.5994, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



47.8312, 0.3125, 0.3504



85.8629, 0.3124, 0.3548



47.9965, 0.3065, 0.3410



10.6760, 0.3125, 0.3526



24.5487, 0.3015, 0.5988



0.9710, 0.3074, 0.5941

Inverse Universe

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



43.7099, 0.3128, 0.3084



77.0503, 0.3129, 0.3043



43.5386, 0.3195, 0.3173



9.6665, 0.3128, 0.3063



8.8313, 0.3062, 0.1460



0.3548, 0.3099, 0.1481

Previews

White Background



This preview shows how the Yxy color 47.8292, 0.3125, 0.3504 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 47.8292, 0.3125, 0.3504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

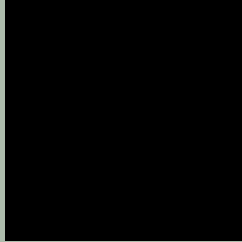
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

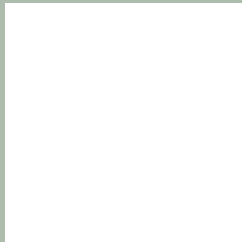
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.8292, 0.3125, 0.3504

Background



This preview shows how black text looks on a background with the Yxy color 47.8292, 0.3125, 0.3504.



This preview shows how white text looks on a background with the Yxy color 47.8292, 0.3125, 0.3504.

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

47.8292, 0.3125, 0.3504

Protanopia

47.6787, 0.3300, 0.3471

Deuteranopia

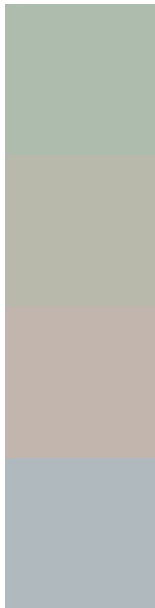
47.4794, 0.3402, 0.3328



Tritanopia

47.7516, 0.2956, 0.3097

Trichromacy



Original Color

47.8292, 0.3125, 0.3504

Protanomaly

47.7906, 0.3237, 0.3486

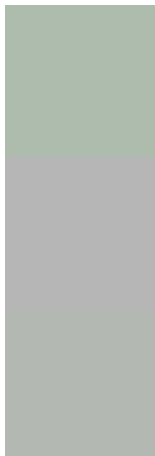
Deuteranomaly

47.4023, 0.3297, 0.3393

Tritanomaly

47.6022, 0.3022, 0.3238

Monochromacy



Original Color

47.8292, 0.3125, 0.3504

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

47.0790, 0.3132, 0.3369

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.8292, 0.3125, 0.3504 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(173, 188, 172)` looks like.

```
.text, #text, p{  
    color:rgb(173, 188, 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(173, 188, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 188, 172) }
```

Border

The CSS property to change the border of an element to Yxy 47.8292, 0.3125, 0.3504 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(173, 188, 172) }
```

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

```
.border{ border-color:rgb(173, 188, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 188, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 188, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 188, 172);  
box-shadow:4px 4px 4px 4px rgb(173, 188,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 47.8292, 0.3125, 0.3504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 188, 172) }
```

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

```
.background{ background-color: rgb(173,  
188, 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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