

Converting Colors

$Y_{xy}(41.7887, 0.3452, 0.3633)$

Have a look what the booklet for
Yxy(41.7887, 0.3452, 0.3633)
contains.

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Color

Yxy(41.8020, 0.3455, 0.3630)

Conversions

Conversions Part 1

Format	Color
Hex	B8AC93
RGB	184, 172, 147
RGB Percent	72%, 67%, 58%
CMY	0.2784, 0.3255, 0.4236
CMYK	0.00, 0.07, 0.20, 0.28
HSL	41°, 21%, 65%
HSV	41°, 20%, 72%
XYZ	39.7868, 41.8020, 33.5683
YIQ	172.7380, 15.1770, -5.2310

Conversions

Conversions Part 2

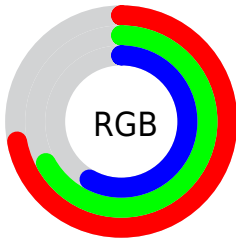
Format	Color
R _Y B	165, 184, 147
Decimal	12102803
CIE Lab	70.73, 0.17, 14.43
CIE LCh	71, 14.433, 89.313
Yxy	41.8020, 0.3455, 0.3630
Android (android.graphics.Color)	4290292883 (0xFFB8AC93)
YUV	172.7380, -12.6888, 9.8768
Hunter-Lab	64.6545, -3.3009, 14.4751

Details

The Yxy color $41.8020, 0.3455, 0.3630$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $34.4559, 0.2808, 0.2925$, and the grayscale version is $41.7097, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.6805, 0.3392, 0.3564$, and $19.1028, 0.3560, 0.3739$ is the 20% darker color. If you saturate the color by 10%, you get $39.0510, 0.3640, 0.3806$, and if you desaturate by 10%, it is $44.7512, 0.3284, 0.3457$.

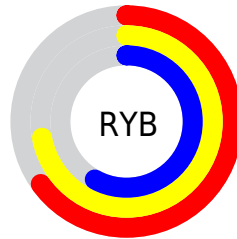
Distribution



Red (72%)

Green (67%)

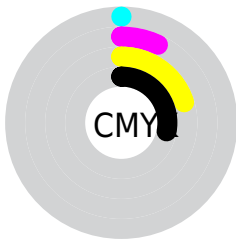
Blue (58%)



Red (65%)

Yellow (72%)

Blue (58%)

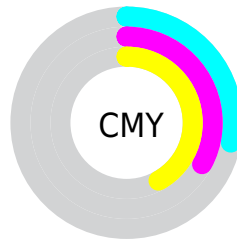


Cyan (0%)

Magenta (7%)

Yellow (20%)

Black (28%)



Cyan (28%)


Magenta (33%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.8020, 0.3455, 0.3630 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 41.8020, 0.3455, 0.3630 by changing the saturation by 10% instead.


 41.8020, 0.3455,
0.3630


 41.8020, 0.3455,
0.3630

353.6615, 0.3288,
0.3457

 28.9463, 0.3497,
0.3674


 77.8999, 0.3394,
0.3567

 19.0402, 0.3552,
0.3731


 101.9108, 0.3371,
0.3543

 11.6993, 0.3626,
0.3807


130.4090, 0.3352,
0.3523

 6.5393, 0.3729,
0.3914

163.7787, 0.3335,
0.3506

 3.1757, 0.3885,
0.4074

202.4044, 0.3321,
0.3491

 1.2241, 0.4365,
0.4571

246.6705, 0.3309,

 0.0813, 0.5006,

0.3479

0.4994

296.9614, 0.3298,
0.3467

0.0000, 0.0000,
0.0000

41.8020, 0.3455,
0.3630

41.8020, 0.3455,
0.3630

39.0510, 0.3640,
0.3806

44.7512, 0.3284,
0.3457

36.4868, 0.3838,
0.3981

47.8983, 0.3129,
0.3292

34.1052, 0.4043,
0.4145

51.2503, 0.2989,
0.3136

31.8997, 0.4249,
0.4290

54.8121, 0.2864,
0.2992

29.8630, 0.4447,
0.4404

58.5884, 0.2753,
0.2858

■ 27.9873, 0.4628,
0.4477

■ 62.4287, 0.2667,
0.2759

■ 26.2632, 0.4782,
0.4502

■ 65.3899, 0.2674,
0.2829

■ 24.6919, 0.4908,
0.4485

■ 68.4617, 0.2681,
0.2897

■ 71.6452, 0.2688,
0.2966

Harmonies

Analogous

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



41.8020, 0.3539, 0.3512



41.8020, 0.3455, 0.3630



41.8020, 0.3283, 0.3658

Triad

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



41.8020, 0.3455, 0.3630



41.8020, 0.2759, 0.3217



41.8020, 0.3171, 0.3025

Complementary

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



41.8020, 0.3455, 0.3630



34.4559, 0.2808, 0.2925

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.



41.8020, 0.2963, 0.2947



41.8020, 0.3455, 0.3630



41.8020, 0.2731, 0.3050

Square

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



41.8020, 0.3455, 0.3630



41.8020, 0.2883, 0.3413



41.8020, 0.2804, 0.2955



41.8020, 0.3372, 0.3167

Rectangle

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



41.8020, 0.3455, 0.3630



41.8020, 0.3144, 0.3616



41.8020, 0.2804, 0.2955



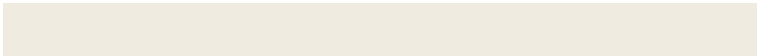
41.8020, 0.3099, 0.2990

Sweetspot

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



41.8039, 0.3455, 0.3630



83.3638, 0.3220, 0.3390



33.5686, 0.3392, 0.3121



17.8930, 0.3230, 0.3400



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



41.8039, 0.3455, 0.3630



73.5938, 0.3533, 0.3705



45.8371, 0.3370, 0.3792



9.9990, 0.3271, 0.3444



17.1482, 0.4897, 0.4494



0.7118, 0.4674, 0.4671

Inverse Universe

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



34.4559, 0.2808, 0.2925



57.9323, 0.2735, 0.2837



31.1110, 0.2854, 0.2753



9.1824, 0.2985, 0.3131



4.7043, 0.1633, 0.1079



0.2815, 0.1785, 0.1627

Previews

White Background



This preview shows how the Yxy color 41.8020, 0.3455, 0.3630 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 41.8020, 0.3455, 0.3630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

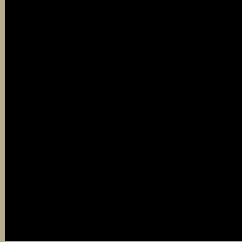
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

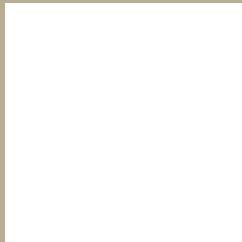
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.8020, 0.3455, 0.3630

Background



This preview shows how black text looks on a background with the Yxy color 41.8020, 0.3455, 0.3630.



This preview shows how white text looks on a background with the Yxy color 41.8020, 0.3455, 0.3630.

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

41.8020, 0.3455, 0.3630

Protanopia

41.9388, 0.3433, 0.3645

Deuteranopia

41.9177, 0.3605, 0.3538



Tritanopia

41.6241, 0.3209, 0.3121

Trichromacy



Original Color

41.8020, 0.3455, 0.3630

Protanomaly

42.0610, 0.3443, 0.3644

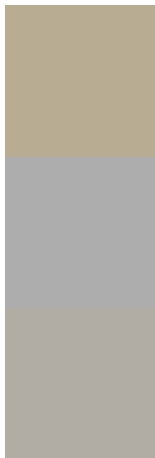
Deuteranomaly

41.9834, 0.3550, 0.3567

Tritanomaly

41.7679, 0.3302, 0.3304

Monochromacy



Original Color

41.8020, 0.3455, 0.3630

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.9146, 0.3239, 0.3413

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.8020, 0.3455, 0.3630 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(184, 172, 147)` looks like.

```
.text, #text, p{  
    color:rgb(184, 172, 147)  
}
```

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(184, 172, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 172, 147) }
```

Border

The CSS property to change the border of an element to Yxy 41.8020, 0.3455, 0.3630 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(184, 172, 147) }
```

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

```
.border{ border-color:rgb(184, 172, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 172, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 172, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 172, 147);  
box-shadow:4px 4px 4px 4px rgb(184, 172,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 41.8020, 0.3455, 0.3630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 172, 147) }
```

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

```
.background{ background-color: rgb(184,  
172, 147) }
```

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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