

Converting Colors

$Yxy(41.5905, 0.3356, 0.3389)$

Have a look what the booklet for
Yxy(41.5905, 0.3356, 0.3389)
contains.

Yxy(41.5494, 0.3356, 0.3384)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(41.5494, 0.3356, 0.3384)

Conversions

Conversions Part 1

Format	Color
Hex	BBA9A2
RGB	187, 169, 162
RGB Percent	73%, 66%, 64%
CMY	0.2666, 0.3373, 0.3647
CMYK	0.00, 0.10, 0.13, 0.27
HSL	17°, 16%, 68%
HSV	17°, 13%, 73%
XYZ	41.2056, 41.5494, 40.0269
YIQ	173.5840, 12.9750, 1.6390

Conversions

Conversions Part 2

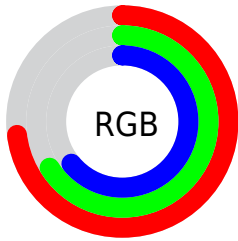
Format	Color
RYB	187, 172, 162
Decimal	12298658
CIELab	70.56, 5.32, 5.97
CIELCh	71, 7.996, 48.276
Yxy	41.5494, 0.3356, 0.3384
Android (android.graphics.Color)	4290488738 (0xFFBBA9A2)
YUV	173.5840, -5.7109, 11.7658
Hunter-Lab	64.4588, 1.3040, 8.3039

Details

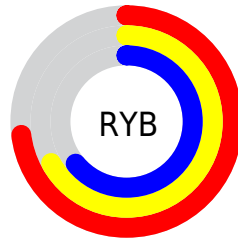
The Yxy color **41.5494, 0.3356, 0.3384** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.9165, 0.2923, 0.3194**, and the grayscale version is **42.1295, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.3757, 0.3309, 0.3363**, and **18.9167, 0.3436, 0.3419** is the 20% darker color. If you saturate the color by 10%, you get **36.1799, 0.3565, 0.3459**, and if you desaturate by 10%, it is **47.5376, 0.3180, 0.3313**.

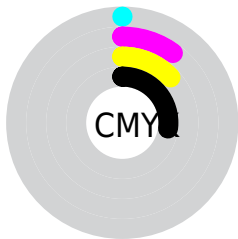
Distribution



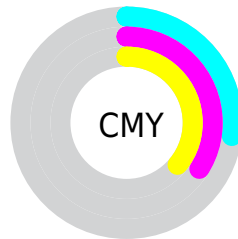
- Red (73%)
- Green (66%)
- Blue (64%)



- Red (73%)
- Yellow (67%)
- Blue (64%)



- Cyan (0%)
- Magenta (10%)
- Yellow (13%)
- Black (27%)



- Cyan (27%)
- Magenta (34%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.5494, 0.3356, 0.3384 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 41.5494, 0.3356, 0.3384 by changing the saturation by 10% instead.

 41.5494, 0.3356,
0.3384


 41.5494, 0.3356,
0.3384


352.6116, 0.3239,
0.3337

 28.7486, 0.3386,
0.3396

 77.5172, 0.3313,
0.3367

 18.8907, 0.3426,
0.3411


 101.4530, 0.3297,
0.3361

 11.5914, 0.3479,
0.3431


129.8693, 0.3283,
0.3355

 6.4661, 0.3555,
0.3458


163.1505, 0.3272,
0.3351

 3.1305, 0.3674,
0.3499

201.6809, 0.3262,
0.3347

 1.2002, 0.3887,
0.3569

245.8449, 0.3253,

 0.0619, 0.7530,

0.3343

0.2470

296.0271, 0.3246,
0.3340

0.0000, 0.0000,
0.0000

41.5494, 0.3356,
0.3384

41.5494, 0.3356,
0.3384

36.1799, 0.3565,
0.3459

47.5376, 0.3180,
0.3313

31.4035, 0.3813,
0.3536

54.1578, 0.3032,
0.3247

27.2013, 0.4101,
0.3611

61.4301, 0.2908,
0.3186

23.5509, 0.4431,
0.3678

69.3717, 0.2803,
0.3131

20.4285, 0.4794,
0.3727

77.9672, 0.2717,
0.3086

■ 17.8086, 0.5172,
0.3748

■ 86.0303, 0.2731,
0.3233

■ 15.6633, 0.5533,
0.3729

■ 89.3070, 0.2736,
0.3289

■ 13.9613, 0.5841,
0.3665

■ 13.0553, 0.6011,
0.3609

Harmonies

Analogous

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



41.5494, 0.3316, 0.3285



41.5494, 0.3356, 0.3384



41.5494, 0.3333, 0.3461

Triad

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



41.5494, 0.3356, 0.3384



41.5494, 0.3028, 0.3395



41.5494, 0.2999, 0.3093

Complementary

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



41.5494, 0.3356, 0.3384



43.9165, 0.2923, 0.3194

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.



41.5494, 0.2925, 0.3118



41.5494, 0.3356, 0.3384



41.5494, 0.2941, 0.3291

Square

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



41.5494, 0.3356, 0.3384



41.5494, 0.3142, 0.3470



41.5494, 0.2904, 0.3190



41.5494, 0.3109, 0.3119

Rectangle

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



41.5494, 0.3356, 0.3384



41.5494, 0.3285, 0.3489



41.5494, 0.2904, 0.3190



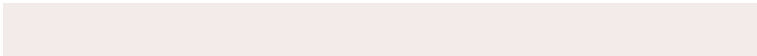
41.5494, 0.2969, 0.3095

Sweetspot

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



41.5512, 0.3356, 0.3384



84.3527, 0.3191, 0.3318



39.7148, 0.3201, 0.3049



18.3896, 0.3204, 0.3323



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.



41.5512, 0.3356, 0.3384



71.5231, 0.3413, 0.3405



46.2959, 0.3334, 0.3542



9.9596, 0.3282, 0.3355



9.1004, 0.5989, 0.3626



0.4711, 0.5503, 0.4013

Inverse Universe

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



43.9165, 0.2923, 0.3194



76.5662, 0.2880, 0.3172



39.2128, 0.2919, 0.3024



10.3456, 0.2985, 0.3224



14.4697, 0.1990, 0.2365



0.6719, 0.2059, 0.2612

Previews

White Background



This preview shows how the Yxy color 41.5494, 0.3356, 0.3384 looks on a white background.

Color Contrast Check

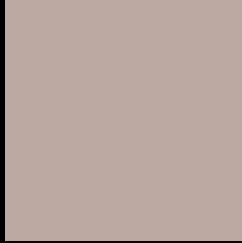
Large Text (above 18pt) WCAG AA × Fail

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 41.5494, 0.3356, 0.3384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

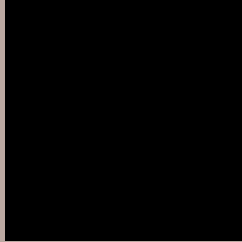
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.5494, 0.3356, 0.3384

Background



This preview shows how black text looks on a background with the Yxy color 41.5494, 0.3356, 0.3384.



This preview shows how white text looks on a background with the Yxy color 41.5494, 0.3356, 0.3384.

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

41.5494, 0.3356, 0.3384

Protanopia

41.6504, 0.3249, 0.3399

Deuteranopia

41.5835, 0.3417, 0.3356



Tritanopia

41.3459, 0.3228, 0.3121

Trichromacy



Original Color

41.5494, 0.3356, 0.3384

Protanomaly

41.5939, 0.3287, 0.3399

Deuteranomaly

41.6903, 0.3396, 0.3370

Tritanomaly

41.3459, 0.3270, 0.3212

Monochromacy



Original Color

41.5494, 0.3356, 0.3384

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.9910, 0.3207, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5494, 0.3356, 0.3384 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(187, 169, 162)` looks like.

```
.text, #text, p{  
    color:rgb(187, 169, 162)  
}
```

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(187, 169, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 169, 162) }
```

Border

The CSS property to change the border of an element to Yxy 41.5494, 0.3356, 0.3384 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(187, 169, 162) }
```

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

```
.border{ border-color:rgb(187, 169, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 169, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 169, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 169, 162);  
box-shadow:4px 4px 4px 4px rgb(187, 169,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5494, 0.3356, 0.3384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 169, 162) }
```

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

```
.background{ background-color: rgb(187,  
169, 162) }
```

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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