

Converting Colors

$Yxy(35.5008, 0.3522, 0.3402)$

Have a look what the booklet for
Yxy(35.5008, 0.3522, 0.3402)
contains.

Yxy(35.5008, 0.3522, 0.3402)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(35.5008, 0.3522, 0.3402)

Conversions

Conversions Part 1

Format	Color
Hex	B99A92
RGB	185, 154, 146
RGB Percent	73%, 60%, 57%
CMY	0.2744, 0.3961, 0.4275
CMYK	0.00, 0.17, 0.21, 0.27
HSL	12°, 22%, 65%
HSV	12°, 21%, 73%
XYZ	36.7530, 35.5008, 32.0989
YIQ	162.3570, 21.0440, 4.0840

Conversions

Conversions Part 2

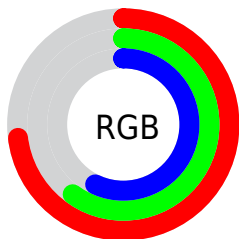
Format	Color
R _Y B	185, 156, 146
Decimal	12163730
CIE Lab	66.14, 10.23, 8.51
CIE LCh	66, 13.305, 39.741
Yxy	35.5008, 0.3522, 0.3402
Android (android.graphics.Color)	4290353810 (0xFFB99A92)
YUV	162.3570, -8.0640, 19.8579
Hunter-Lab	59.5825, 5.8369, 9.7665

Details

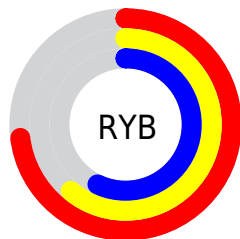
The Yxy color **35.5008, 0.3522, 0.3402** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.0539, 0.2810, 0.3175**, and the grayscale version is **36.3394, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.9827, 0.3440, 0.3376**, and **15.3703, 0.3638, 0.3426** is the 20% darker color. If you saturate the color by 10%, you get **30.4139, 0.3770, 0.3459**, and if you desaturate by 10%, it is **41.2783, 0.3315, 0.3347**.

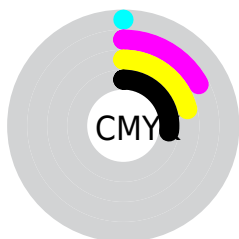
Distribution



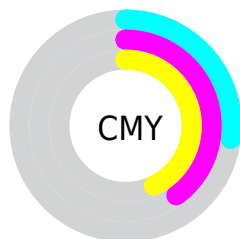
- Red (73%)
- Green (60%)
- Blue (57%)



- Red (73%)
- Yellow (61%)
- Blue (57%)



- Cyan (0%)
- Magenta (17%)
- Yellow (21%)
- Black (27%)




- Cyan (27%)
- Magenta (40%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.5008, 0.3522, 0.3402 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 35.5008, 0.3522, 0.3402 by changing the saturation by 10% instead.


 35.5008, 0.3522,
0.3402


 35.5008, 0.3522,
0.3402


326.7733, 0.3314,
0.3346

 24.0489, 0.3578,
0.3416


 68.2609, 0.3444,
0.3382

 15.3699, 0.3651,
0.3433


 90.3378, 0.3415,
0.3374

 9.0794, 0.3753,
0.3455


116.7253, 0.3391,
0.3368

 4.7930, 0.3904,
0.3485

147.8076, 0.3371,
0.3362

 2.1263, 0.4148,
0.3524

183.9691, 0.3354,
0.3358

 0.6794, 0.5210,
0.3948

225.5943, 0.3339,

 0.0000, 0.0000,

0.3354

0.0000

273.0676, 0.3326,
0.3350

■ 35.5008, 0.3522,
0.3402

■ 35.5008, 0.3522,
0.3402

■ 30.4139, 0.3770,
0.3459

■ 41.2783, 0.3315,
0.3347

■ 25.9869, 0.4065,
0.3515

■ 47.7660, 0.3144,
0.3295

■ 22.1938, 0.4408,
0.3565

■ 54.9888, 0.3002,
0.3248

■ 19.0054, 0.4794,
0.3602

■ 62.9688, 0.2884,
0.3204

■ 16.3896, 0.5203,
0.3617

■ 71.7274, 0.2785,
0.3165

■ 14.3116, 0.5599,
0.3601

■ 81.1562, 0.2712,
0.3150

■ 12.7324, 0.5937,
0.3549

■ 89.0565, 0.2726,
0.3289

■ 11.7046, 0.6166,
0.3486

Harmonies

Analogous

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



35.5008, 0.3422, 0.3228



35.5008, 0.3522, 0.3402



35.5008, 0.3512, 0.3554

Triad

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



35.5008, 0.3522, 0.3402



35.5008, 0.3006, 0.3522



35.5008, 0.2859, 0.2951

Complementary

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



35.5008, 0.3522, 0.3402



41.0539, 0.2810, 0.3175

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.



35.5008, 0.2755, 0.3015



35.5008, 0.3522, 0.3402



35.5008, 0.2838, 0.3344

Square

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



35.5008, 0.3522, 0.3402



35.5008, 0.3209, 0.3632



35.5008, 0.2748, 0.3157



35.5008, 0.3035, 0.2974

Rectangle

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



35.5008, 0.3522, 0.3402



35.5008, 0.3444, 0.3622



35.5008, 0.2748, 0.3157



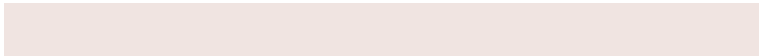
35.5008, 0.2814, 0.2963

Sweetspot

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



35.5024, 0.3522, 0.3402



79.5642, 0.3226, 0.3321



34.0494, 0.3226, 0.2872



16.9918, 0.3237, 0.3324



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.



35.5024, 0.3522, 0.3402



59.4987, 0.3623, 0.3426



42.3954, 0.3470, 0.3660



9.3033, 0.3283, 0.3338



8.0546, 0.6147, 0.3502



0.3727, 0.5661, 0.3887

Inverse Universe

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



41.0539, 0.2810, 0.3175



71.0976, 0.2747, 0.3149



33.9598, 0.2791, 0.2891



9.8887, 0.2985, 0.3242



16.6948, 0.2063, 0.2625



0.6688, 0.2115, 0.2815

Previews

White Background



This preview shows how the Yxy color 35.5008, 0.3522, 0.3402 looks on a white background.

Color Contrast Check

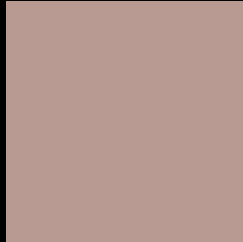
Large Text (above 18pt) WCAG AA × Fail

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 35.5008, 0.3522, 0.3402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

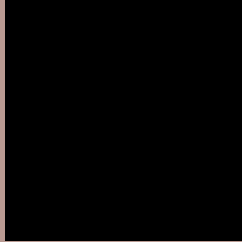
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.5008, 0.3522, 0.3402

Background



This preview shows how black text looks on a background with the Yxy color 35.5008, 0.3522, 0.3402.



This preview shows how white text looks on a background with the Yxy color 35.5008, 0.3522, 0.3402.

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

35.5008, 0.3522, 0.3402

Protanopia

35.5270, 0.3296, 0.3451

Deuteranopia

35.4631, 0.3488, 0.3417



Tritanopia

35.3424, 0.3379, 0.3128

Trichromacy



Original Color

35.5008, 0.3522, 0.3402

Protanomaly

35.5905, 0.3379, 0.3433

Deuteranomaly

35.5853, 0.3498, 0.3416

Tritanomaly

35.3299, 0.3426, 0.3223

Monochromacy



Original Color

35.5008, 0.3522, 0.3402

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.7426, 0.3262, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.5008, 0.3522, 0.3402 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(185, 154, 146)` looks like.

```
.text, #text, p{  
    color:rgb(185, 154, 146)  
}
```

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(185, 154, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 154, 146) }
```

Border

The CSS property to change the border of an element to Yxy 35.5008, 0.3522, 0.3402 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(185, 154, 146) }
```

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

```
.border{ border-color:rgb(185, 154, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 154, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 154, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 154, 146);  
box-shadow:4px 4px 4px 4px rgb(185, 154,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 35.5008, 0.3522, 0.3402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 154, 146) }
```

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

```
.background{ background-color: rgb(185,  
154, 146) }
```

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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