

Converting Colors

$Y_{xy}(32.9916, 0.3570, 0.3471)$

Have a look what the booklet for
Yxy(32.9916, 0.3570, 0.3471)
contains.

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Color

Yxy(32.8847, 0.3565, 0.3463)

Conversions

Conversions Part 1

Format	Color
Hex	B39589
RGB	179, 149, 137
RGB Percent	70%, 58%, 54%
CMY	0.2980, 0.4157, 0.4628
CMYK	0.00, 0.17, 0.23, 0.30
HSL	17°, 22%, 62%
HSV	17°, 23%, 70%
XYZ	33.8533, 32.8847, 28.2222
YIQ	156.6020, 21.7320, 2.6280

Conversions

Conversions Part 2

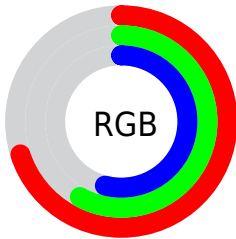
Format	Color
RYB	179, 154, 137
Decimal	11769225
CIELab	64.07, 9.31, 10.53
CIELCh	64, 14.052, 48.526
Yxy	32.8847, 0.3565, 0.3463
Android (android.graphics.Color)	4289959305 (0xFFB39589)
YUV	156.6020, -9.6638, 19.6430
Hunter-Lab	57.3452, 5.0221, 10.9623

Details

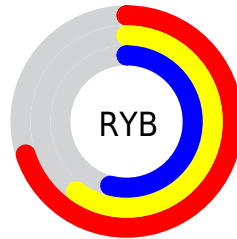
The Yxy color **32.8847, 0.3565, 0.3463** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.2036, 0.2772, 0.3110**, and the grayscale version is **33.5662, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.0917, 0.3477, 0.3433**, and **13.8591, 0.3722, 0.3511** is the 20% darker color. If you saturate the color by 10%, you get **28.5898, 0.3811, 0.3542**, and if you desaturate by 10%, it is **37.7116, 0.3357, 0.3386**.

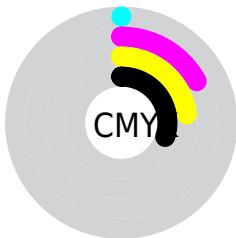
Distribution



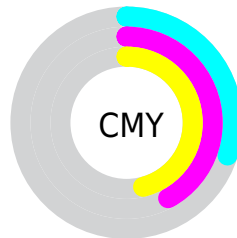
- Red (70%)
- Green (58%)
- Blue (54%)



- Red (70%)
- Yellow (60%)
- Blue (54%)



- Cyan (0%)
- Magenta (17%)
- Yellow (23%)
- Black (30%)





- Cyan (30%)
- Magenta (42%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.8847, 0.3565, 0.3463 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 32.8847, 0.3565, 0.3463 by changing the saturation by 10% instead.


 32.8847, 0.3565,
0.3463


 32.8847, 0.3565,
0.3463


315.1299, 0.3332,
0.3375


 22.0381, 0.3628,
0.3485


 64.1955, 0.3477,
0.3431

 13.8849, 0.3713,
0.3514


 85.4285, 0.3444,
0.3419

 8.0407, 0.3831,
0.3551


 110.8924, 0.3418,
0.3409

 4.1210, 0.4008,
0.3603

140.9717, 0.3395,
0.3400

 1.7415, 0.4300,
0.3675

176.0506, 0.3376,
0.3393

 0.4503, 0.5927,
0.4073

216.5137, 0.3359,

 0.0000, 0.0000,

0.3386

0.0000

262.7454, 0.3345,
0.3380

■ 32.8847, 0.3565,
0.3463

■ 32.8847, 0.3565,
0.3463

■ 28.5898, 0.3811,
0.3542

■ 37.7116, 0.3357,
0.3386

■ 24.8040, 0.4097,
0.3618

■ 43.0834, 0.3181,
0.3314

■ 21.5092, 0.4423,
0.3686

■ 49.0186, 0.3034,
0.3247

■ 18.6844, 0.4783,
0.3737

■ 55.5329, 0.2910,
0.3185

■ 16.3072, 0.5156,
0.3759

■ 62.6417, 0.2805,
0.3128

■ 14.3531, 0.5515,
0.3741

■ 70.3597, 0.2715,
0.3077

■ 12.7946, 0.5821,
0.3678

■ 78.2231, 0.2676,
0.3107

■ 11.9707, 0.5991,
0.3625

■ 85.9502, 0.2691,
0.3248

■ 88.3247, 0.2696,
0.3289

Harmonies

Analogous

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



32.8847, 0.3490, 0.3277



32.8847, 0.3565, 0.3463



32.8847, 0.3518, 0.3613

Triad

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



32.8847, 0.3565, 0.3463



32.8847, 0.2936, 0.3490



32.8847, 0.2886, 0.2921

Complementary

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



32.8847, 0.3565, 0.3463



36.2036, 0.2772, 0.3110

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.



32.8847, 0.2748, 0.2962



32.8847, 0.3565, 0.3463



32.8847, 0.2776, 0.3287

Square

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



32.8847, 0.3565, 0.3463



32.8847, 0.3150, 0.3637



32.8847, 0.2708, 0.3093



32.8847, 0.3092, 0.2972

Rectangle

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



32.8847, 0.3565, 0.3463



32.8847, 0.3425, 0.3669



32.8847, 0.2708, 0.3093



32.8847, 0.2830, 0.2924

Sweetspot

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



32.8862, 0.3565, 0.3463



73.5368, 0.3242, 0.3340



30.2641, 0.3275, 0.2871



16.1655, 0.3252, 0.3344



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



32.8862, 0.3565, 0.3463



54.9332, 0.3683, 0.3502



40.1029, 0.3501, 0.3748



8.8881, 0.3280, 0.3356



8.5566, 0.5970, 0.3641



0.3714, 0.5414, 0.4083

Inverse Universe

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



36.2036, 0.2772, 0.3110



61.8743, 0.2698, 0.3067



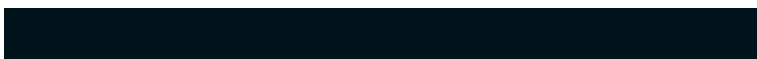
29.1561, 0.2746, 0.2786



9.2125, 0.2986, 0.3223



13.2864, 0.1985, 0.2346



0.5117, 0.2067, 0.2640

Previews

White Background



This preview shows how the Yxy color 32.8847, 0.3565, 0.3463 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 32.8847, 0.3565, 0.3463 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 32.8847, 0.3565, 0.3463

Background



This preview shows how black text looks on a background with the Yxy color 32.8847, 0.3565, 0.3463.



This preview shows how white text looks on a background with the Yxy color 32.8847, 0.3565, 0.3463.

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

32.8847, 0.3565, 0.3463

Protanopia

33.0175, 0.3339, 0.3516

Deuteranopia

32.9659, 0.3540, 0.3478



Tritanopia

32.8158, 0.3386, 0.3137

Trichromacy



Original Color

32.8847, 0.3565, 0.3463

Protanomaly

32.9714, 0.3416, 0.3498

Deuteranomaly

33.0838, 0.3551, 0.3477

Tritanomaly

32.7727, 0.3446, 0.3249

Monochromacy



Original Color

32.8847, 0.3565, 0.3463

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.3125, 0.3276, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.8847, 0.3565, 0.3463 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(179, 149, 137)` looks like.

```
.text, #text, p{  
    color:rgb(179, 149, 137)  
}
```

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(179, 149, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 149, 137) }
```

Border

The CSS property to change the border of an element to Yxy 32.8847, 0.3565, 0.3463 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(179, 149, 137) }
```

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

```
.border{ border-color:rgb(179, 149, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 149, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 149, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 149, 137);  
box-shadow:4px 4px 4px 4px rgb(179, 149,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 32.8847, 0.3565, 0.3463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 149, 137) }
```

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

```
.background{ background-color: rgb(179,  
149, 137) }
```

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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