

Converting Colors

$Yxy(31.8258, 0.3831, 0.3483)$

Have a look what the booklet for
Yxy(31.8258, 0.3831, 0.3483)
contains.

Yxy(31.6584, 0.3835, 0.3485)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(31.6584, 0.3835, 0.3485)

Conversions

Conversions Part 1

Format	Color
Hex	BF8D7F
RGB	191, 141, 127
RGB Percent	75%, 55%, 50%
CMY	0.2510, 0.4470, 0.5020
CMYK	0.00, 0.26, 0.34, 0.25
HSL	13°, 33%, 62%
HSV	13°, 34%, 75%
XYZ	34.8379, 31.6584, 24.3456
YIQ	154.3540, 34.2940, 6.2460

Conversions

Conversions Part 2

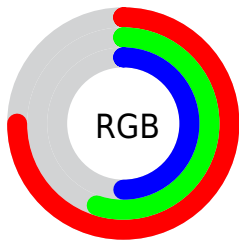
Format	Color
RYB	191, 145, 127
Decimal	12553599
CIELab	63.06, 17.05, 14.92
CIELCh	63, 22.659, 41.180
Yxy	31.6584, 0.3835, 0.3485
Android (android.graphics.Color)	4290743679 (0xFFBF8D7F)
YUV	154.3540, -13.4855, 32.1385
Hunter-Lab	56.2658, 12.0560, 13.7319

Details

The Yxy color **31.6584, 0.3835, 0.3485** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **39.6972, 0.2631, 0.3084**, and the grayscale version is **32.5276, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.4652, 0.3692, 0.3451**, and **13.2665, 0.4072, 0.3538** is the 20% darker color. If you saturate the color by 10%, you get **27.1025, 0.4139, 0.3544**, and if you desaturate by 10%, it is **36.9038, 0.3577, 0.3424**.

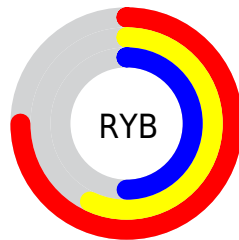
Distribution



Red (75%)

Green (55%)

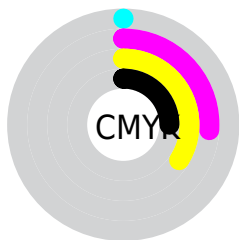
Blue (50%)



Red (75%)

Yellow (57%)

Blue (50%)

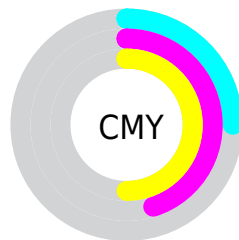


Cyan (0%)

Magenta (26%)

Yellow (34%)

Black (25%)



Cyan (25%)


Magenta (45%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.6584, 0.3835, 0.3485 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 31.6584, 0.3835, 0.3485 by changing the saturation by 10% instead.


 31.6584, 0.3835,
0.3485


 31.6584, 0.3835,
0.3485


309.5602, 0.3455,
0.3391


 21.1007, 0.3939,
0.3506

 62.2752, 0.3690,
0.3452

 13.1976, 0.4078,
0.3532


 83.1031, 0.3638,
0.3440

 7.5648, 0.4272,
0.3562


 108.1231, 0.3595,
0.3429

 3.8178, 0.4561,
0.3593

137.7198, 0.3558,
0.3419

 1.5721, 0.5103,
0.3661

172.2775, 0.3527,
0.3411

 0.3387, 0.6855,
0.3145

212.1805, 0.3499,

 0.0000, 0.0000,

0.3403

0.0000

257.8133, 0.3476,
0.3397

■ 31.6584, 0.3835,
0.3485

■ 31.6584, 0.3835,
0.3485

■ 27.1025, 0.4139,
0.3544

■ 36.9038, 0.3577,
0.3424

■ 23.2026, 0.4491,
0.3595

■ 42.8613, 0.3362,
0.3365

■ 19.9295, 0.4880,
0.3631

■ 49.5580, 0.3183,
0.3309

■ 17.2496, 0.5285,
0.3640

■ 57.0183, 0.3034,
0.3257

■ 15.1261, 0.5667,
0.3615

■ 65.2653, 0.2910,
0.3209

■ 13.5177, 0.5982,
0.3553

■ 74.3212, 0.2806,
0.3166

■ 12.7216, 0.6144,
0.3504

■ 83.8369, 0.2748,
0.3186

■ 89.8147, 0.2757,
0.3289

Harmonies

Analogous

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



31.6584, 0.3664, 0.3189



31.6584, 0.3835, 0.3485



31.6584, 0.3802, 0.3753

Triad

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



31.6584, 0.3835, 0.3485



31.6584, 0.2891, 0.3697



31.6584, 0.2669, 0.2702

Complementary

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



31.6584, 0.3835, 0.3485



39.6972, 0.2631, 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.



31.6584, 0.2489, 0.2794



31.6584, 0.3835, 0.3485



31.6584, 0.2611, 0.3363

Square

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



31.6584, 0.3835, 0.3485



31.6584, 0.3246, 0.3906



31.6584, 0.2468, 0.3029



31.6584, 0.2976, 0.2754

Rectangle

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



31.6584, 0.3835, 0.3485



31.6584, 0.3672, 0.3879



31.6584, 0.2468, 0.3029



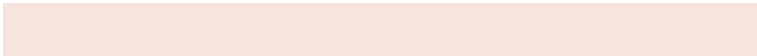
31.6584, 0.2592, 0.2716

Sweetspot

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



31.6599, 0.3835, 0.3485



80.6526, 0.3298, 0.3346



29.4270, 0.3310, 0.2631



17.3457, 0.3324, 0.3354



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



31.6599, 0.3835, 0.3485



50.7769, 0.4047, 0.3527



42.4366, 0.3697, 0.3900



9.8665, 0.3283, 0.3341



8.4616, 0.6122, 0.3521



0.4308, 0.5655, 0.3892

Inverse Universe

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



39.6972, 0.2631, 0.3084



67.2779, 0.2535, 0.3033



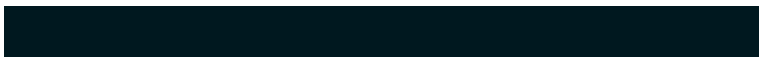
28.5572, 0.2569, 0.2592



10.4449, 0.2985, 0.3239



16.7466, 0.2049, 0.2577



0.7456, 0.2102, 0.2767

Previews

White Background



This preview shows how the Yxy color 31.6584, 0.3835, 0.3485 looks on a white background.

Color Contrast Check

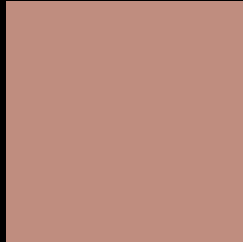
Large Text (above 18pt) WCAG AA × Fail

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 31.6584, 0.3835, 0.3485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

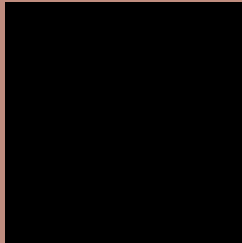
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.6584, 0.3835, 0.3485

Background



This preview shows how black text looks on a background with the Yxy color 31.6584, 0.3835, 0.3485.



This preview shows how white text looks on a background with the Yxy color 31.6584, 0.3835, 0.3485.

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

31.6584, 0.3835, 0.3485

Protanopia

31.6235, 0.3393, 0.3581

Deuteranopia

31.7209, 0.3665, 0.3596



Tritanopia

31.6525, 0.3632, 0.3156

Trichromacy



Original Color

31.6584, 0.3835, 0.3485

Protanomaly

31.4764, 0.3543, 0.3543

Deuteranomaly

31.7022, 0.3729, 0.3562

Tritanomaly

31.5652, 0.3708, 0.3278

Monochromacy



Original Color

31.6584, 0.3835, 0.3485

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

31.7240, 0.3364, 0.3365

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.6584, 0.3835, 0.3485 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(191, 141, 127)` looks like.

```
.text, #text, p{  
    color:rgb(191, 141, 127)  
}
```

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(191, 141, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 141, 127) }
```

Border

The CSS property to change the border of an element to Yxy 31.6584, 0.3835, 0.3485 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(191, 141, 127) }
```

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

```
.border{ border-color:rgb(191, 141, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 141, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 141, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 141, 127);  
box-shadow:4px 4px 4px 4px rgb(191, 141,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 31.6584, 0.3835, 0.3485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 141, 127) }
```

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

```
.background{ background-color: rgb(191,  
141, 127) }
```

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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