

Converting Colors

$Yxy(31.6541, 0.3931, 0.3653)$

Have a look what the booklet for
Yxy(31.6541, 0.3931, 0.3653)
contains.

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Color

Yxy(31.5541, 0.3941, 0.3651)

Conversions

Conversions Part 1

Format	Color
Hex	BE8E74
RGB	190, 142, 116
RGB Percent	75%, 56%, 45%
CMY	0.2549, 0.4431, 0.5452
CMYK	0.00, 0.25, 0.39, 0.25
HSL	21°, 36%, 60%
HSV	21°, 39%, 75%
XYZ	34.0605, 31.5541, 20.8114
YIQ	153.3880, 36.9540, 2.0900

Conversions

Conversions Part 2

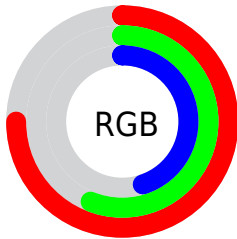
Format	Color
RYB	190, 156, 116
Decimal	12488308
CIELab	62.97, 14.75, 20.95
CIELCh	63, 25.623, 54.862
Yxy	31.5541, 0.3941, 0.3651
Android (android.graphics.Color)	4290678388 (0xFFBE8E74)
YUV	153.3880, -18.4323, 32.1087
Hunter-Lab	56.1730, 9.9304, 17.3550

Details

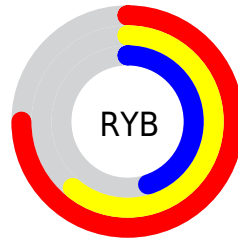
The Yxy color **31.5541, 0.3941, 0.3651** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **33.9727, 0.2534, 0.2893**, and the grayscale version is **32.1032, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.2635, 0.3779, 0.3591**, and **13.2225, 0.4208, 0.3743** is the 20% darker color. If you saturate the color by 10%, you get **27.6918, 0.4233, 0.3741**, and if you desaturate by 10%, it is **35.9151, 0.3684, 0.3555**.

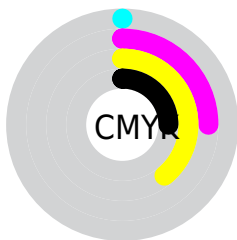
Distribution



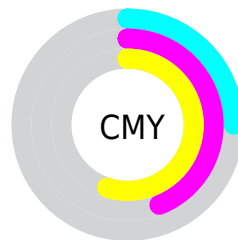
- Red (75%)
- Green (56%)
- Blue (45%)



- Red (75%)
- Yellow (61%)
- Blue (45%)



- Cyan (0%)
- Magenta (25%)
- Yellow (39%)
- Black (25%)





- Cyan (25%)
- Magenta (44%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.5541, 0.3941, 0.3651 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 31.5541, 0.3941, 0.3651 by changing the saturation by 10% instead.


 31.5541, 0.3941,
0.3651


 31.5541, 0.3941,
0.3651


309.0830, 0.3505,
0.3472


 21.0211, 0.4059,
0.3693


 62.1114, 0.3776,
0.3588

 13.1395, 0.4215,
0.3745


 82.9045, 0.3716,
0.3563

 7.5246, 0.4431,
0.3807


 107.8865, 0.3666,
0.3542

 3.7923, 0.4745,
0.3879

137.4418, 0.3624,
0.3525

 1.5581, 0.5554,
0.4181

171.9546, 0.3588,
0.3509

 0.3291, 0.6715,
0.3285

211.8095, 0.3556,

 0.0000, 0.0000,

0.3495

0.0000

257.3908, 0.3529,
0.3483

■ 31.5541, 0.3941,
0.3651

■ 31.5541, 0.3941,
0.3651

■ 27.6918, 0.4233,
0.3741

■ 35.9151, 0.3684,
0.3555

■ 24.3051, 0.4556,
0.3816

■ 40.7878, 0.3463,
0.3460

■ 21.3754, 0.4898,
0.3866

■ 46.1905, 0.3273,
0.3368

■ 18.8811, 0.5239,
0.3877


■ 52.1391, 0.3112,
0.3281


■ 16.7984, 0.5549,
0.3841


■ 58.6487, 0.2974,
0.3201

 15.0964, 0.5807,
0.3759

 65.7340, 0.2858,
0.3128

 14.9386, 0.5833,
0.3751

 73.4089, 0.2758,
0.3061

 80.8224, 0.2738,
0.3134

 88.3472, 0.2750,
0.3267

Harmonies

Analogous

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



31.5541, 0.3851, 0.3323



31.5541, 0.3941, 0.3651



31.5541, 0.3797, 0.3915

Triad

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



31.5541, 0.3941, 0.3651



31.5541, 0.2699, 0.3588



31.5541, 0.2753, 0.2638

Complementary

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



31.5541, 0.3941, 0.3651



33.9727, 0.2534, 0.2893

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.



31.5541, 0.2481, 0.2664



31.5541, 0.3941, 0.3651



31.5541, 0.2451, 0.3188

Square

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



31.5541, 0.3941, 0.3651



31.5541, 0.3071, 0.3910



31.5541, 0.2374, 0.2853



31.5541, 0.3142, 0.2763

Rectangle

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



31.5541, 0.3941, 0.3651



31.5541, 0.3596, 0.4012



31.5541, 0.2374, 0.2853



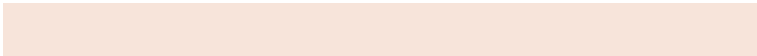
31.5541, 0.2646, 0.2629

Sweetspot

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



31.5556, 0.3941, 0.3651



80.4263, 0.3331, 0.3397



26.1174, 0.3463, 0.2646



17.3736, 0.3356, 0.3409



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.



31.5556, 0.3941, 0.3651



50.9721, 0.4196, 0.3731



44.4088, 0.3754, 0.4118



10.0704, 0.3280, 0.3371



10.0675, 0.5809, 0.3770



0.5190, 0.5344, 0.4139

Inverse Universe

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



33.9727, 0.2534, 0.2893



55.9427, 0.2410, 0.2785



22.6294, 0.2445, 0.2296



10.2296, 0.2985, 0.3207



12.0764, 0.1920, 0.2111



0.5916, 0.2007, 0.2426

Previews

White Background



This preview shows how the Yxy color 31.5541, 0.3941, 0.3651 looks on a white background.

Color Contrast Check

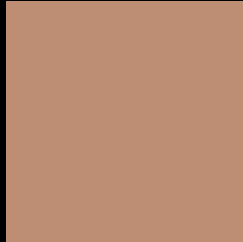
Large Text (above 18pt) WCAG AA × Fail

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 31.5541, 0.3941, 0.3651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

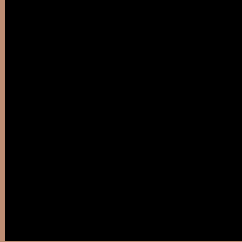
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.5541, 0.3941, 0.3651

Background



This preview shows how black text looks on a background with the Yxy color 31.5541, 0.3941, 0.3651.



This preview shows how white text looks on a background with the Yxy color 31.5541, 0.3941, 0.3651.

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

31.5541, 0.3941, 0.3651

Protanopia

31.5183, 0.3534, 0.3765

Deuteranopia

31.4989, 0.3819, 0.3737



Tritanopia

31.6525, 0.3632, 0.3156

Trichromacy



Original Color

31.5541, 0.3941, 0.3651

Protanomaly

31.2824, 0.3679, 0.3721

Deuteranomaly

31.6789, 0.3869, 0.3715

Tritanomaly

31.4493, 0.3753, 0.3333

Monochromacy



Original Color

31.5541, 0.3941, 0.3651

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.4953, 0.3394, 0.3425

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.5541, 0.3941, 0.3651 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(190, 142, 116)` looks like.

```
.text, #text, p{  
    color:rgb(190, 142, 116)  
}
```

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(190, 142, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 142, 116) }
```

Border

The CSS property to change the border of an element to Yxy 31.5541, 0.3941, 0.3651 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(190, 142, 116) }
```

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

```
.border{ border-color:rgb(190, 142, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 142, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 142, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 142, 116);  
box-shadow:4px 4px 4px 4px rgb(190, 142,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 31.5541, 0.3941, 0.3651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 142, 116) }
```

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

```
.background{ background-color: rgb(190,  
142, 116) }
```

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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