

Converting Colors

Yxy(30.9486, 0.4300, 0.3643)

Have a look what the booklet for
Yxy(30.9486, 0.4300, 0.3643)
contains.

Yxy(31.0604, 0.4306, 0.3647)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(31.0604, 0.4306, 0.3647)

Conversions

Conversions Part 1

Format	Color
Hex	CF8569
RGB	207, 133, 105
RGB Percent	81%, 52%, 41%
CMY	0.1882, 0.4784, 0.5881
CMYK	0.00, 0.36, 0.49, 0.19
HSL	16°, 52%, 61%
HSV	16°, 49%, 81%
XYZ	36.6729, 31.0604, 17.4337
YIQ	151.9340, 53.0920, 6.9800

Conversions

Conversions Part 2

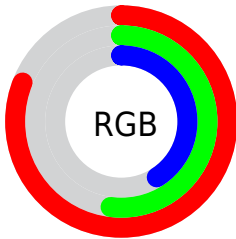
Format	Color
R _Y B	207, 144, 105
Decimal	13600105
CIE Lab	62.56, 25.39, 26.84
CIE LCh	63, 36.948, 46.595
Yxy	31.0604, 0.4306, 0.3647
Android (android.graphics.Color)	4291790185 (0xFFCF8569)
YUV	151.9340, -23.1385, 48.2929
Hunter-Lab	55.7319, 19.9265, 20.4656

Details

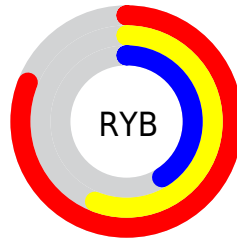
The Yxy color **31.0604, 0.4306, 0.3647** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **39.7665, 0.2408, 0.2883**, and the grayscale version is **31.4556, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.2350, 0.3964, 0.3607**, and **12.9660, 0.4704, 0.3717** is the 20% darker color. If you saturate the color by 10%, you get **26.8631, 0.4663, 0.3703**, and if you desaturate by 10%, it is **35.9528, 0.3988, 0.3577**.

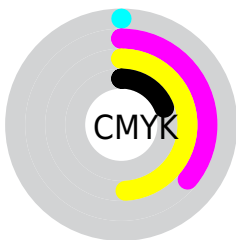
Distribution



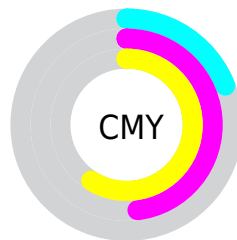
- Red (81%)
- Green (52%)
- Blue (41%)



- Red (81%)
- Yellow (56%)
- Blue (41%)



- Cyan (0%)
- Magenta (36%)
- Yellow (49%)
- Black (19%)




- Cyan (19%)
- Magenta (48%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.0604, 0.4306, 0.3647 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 31.0604, 0.4306, 0.3647 by changing the saturation by 10% instead.

 31.0604, 0.4306,
0.3647


 31.0604, 0.4306,
0.3647


306.8165, 0.3674,
0.3487

 20.6448, 0.4475,
0.3677


 61.3352, 0.4067,
0.3595


 12.8646, 0.4697,
0.3707


 81.9631, 0.3980,
0.3574

 7.3354, 0.4997,
0.3729


 106.7641, 0.3908,
0.3555

 3.6727, 0.5422,
0.3724

 136.1223, 0.3847,
0.3538

 1.4922, 0.6252,
0.3748

170.4223, 0.3794,
0.3523

 0.2833, 0.7586,
0.2414

210.0484, 0.3749,

 0.0000, 0.0000,

0.3510

0.0000

255.3850, 0.3709,
0.3498

■ 31.0604, 0.4306,
0.3647

■ 31.0604, 0.4306,
0.3647

■ 26.8631, 0.4663,
0.3703

■ 35.9528, 0.3988,
0.3577

■ 23.3237, 0.5043,
0.3734

■ 41.5659, 0.3712,
0.3502

■ 20.4085, 0.5420,
0.3730


■ 47.9297, 0.3478,
0.3426

■ 18.0783, 0.5754,
0.3681


■ 55.0709, 0.3281,
0.3353

■ 16.2845, 0.6017,
0.3596

■ 63.0151, 0.3116,
0.3285

 16.1713, 0.6035,
0.3590

 71.7864, 0.2978,
0.3222

 81.4082, 0.2861,
0.3165

 90.8544, 0.2843,
0.3270

 92.0070, 0.2844,
0.3289

Harmonies

Analogous

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



31.0604, 0.4086, 0.3190



31.0604, 0.4306, 0.3647



31.0604, 0.4171, 0.4071

Triad

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



31.0604, 0.4306, 0.3647



31.0604, 0.2637, 0.3885



31.0604, 0.2465, 0.2365

Complementary

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



31.0604, 0.4306, 0.3647



39.7665, 0.2408, 0.2883

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.



31.0604, 0.2154, 0.2447



31.0604, 0.4306, 0.3647



31.0604, 0.2240, 0.3283

Square

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



31.0604, 0.4306, 0.3647



31.0604, 0.3189, 0.4299



31.0604, 0.2075, 0.2758



31.0604, 0.2974, 0.2489

Rectangle

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



31.0604, 0.4306, 0.3647



31.0604, 0.3916, 0.4279



31.0604, 0.2075, 0.2758



31.0604, 0.2337, 0.2368

Sweetspot

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



31.0619, 0.4306, 0.3647



81.3268, 0.3393, 0.3396



26.6633, 0.3488, 0.2384



16.8962, 0.3437, 0.3412



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



31.0619, 0.4306, 0.3647



42.7712, 0.4679, 0.3705



48.2431, 0.3977, 0.4239



12.3284, 0.3284, 0.3354



10.3243, 0.6011, 0.3609



0.7111, 0.5643, 0.3902

Inverse Universe

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



39.7665, 0.2408, 0.2883



58.1556, 0.2284, 0.2779



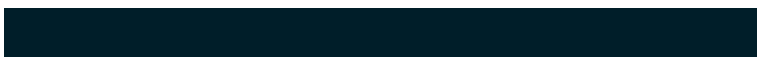
23.1642, 0.2260, 0.2100



12.8358, 0.2983, 0.3225



16.7918, 0.1995, 0.2380



1.0676, 0.2046, 0.2567

Previews

White Background



This preview shows how the Yxy color 31.0604, 0.4306, 0.3647 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 31.0604, 0.4306, 0.3647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

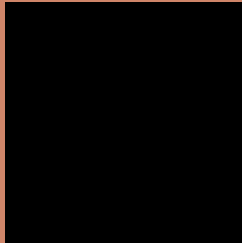
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.0604, 0.4306, 0.3647

Background



This preview shows how black text looks on a background with the Yxy color 31.0604, 0.4306, 0.3647.



This preview shows how white text looks on a background with the Yxy color 31.0604, 0.4306, 0.3647.

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

31.0604, 0.4306, 0.3647

Protanopia

31.4353, 0.3624, 0.3886

Deuteranopia

31.1752, 0.3973, 0.3887



Tritanopia

30.9750, 0.3975, 0.3166

Trichromacy



Original Color

31.0604, 0.4306, 0.3647

Protanomaly

30.9603, 0.3866, 0.3796

Deuteranomaly

31.1256, 0.4088, 0.3797

Tritanomaly

31.0269, 0.4100, 0.3344

Monochromacy



Original Color

31.0604, 0.4306, 0.3647

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.7707, 0.3522, 0.3439

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.0604, 0.4306, 0.3647 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(207, 133, 105)` looks like.

```
.text, #text, p{  
    color:rgb(207, 133, 105)  
}
```

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(207, 133, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 133, 105) }
```

Border

The CSS property to change the border of an element to Yxy 31.0604, 0.4306, 0.3647 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(207, 133, 105) }
```

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

```
.border{ border-color:rgb(207, 133, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 133, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 133, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 133, 105);  
box-shadow:4px 4px 4px 4px rgb(207, 133,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 31.0604, 0.4306, 0.3647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 133, 105) }
```

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

```
.background{ background-color: rgb(207,  
133, 105) }
```

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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