

Converting Colors

$Yxy(31.0591, 0.3671, 0.3423)$

Have a look what the booklet for
Yxy(31.0591, 0.3671, 0.3423)
contains.

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Color

Yxy(30.9845, 0.3664, 0.3420)

Conversions

Conversions Part 1

Format	Color
Hex	B68E85
RGB	182, 142, 133
RGB Percent	71%, 56%, 52%
CMY	0.2863, 0.4431, 0.4785
CMYK	0.00, 0.22, 0.27, 0.29
HSL	11°, 25%, 62%
HSV	11°, 27%, 71%
XYZ	33.1951, 30.9845, 26.4184
YIQ	152.9340, 26.7290, 5.6810

Conversions

Conversions Part 2

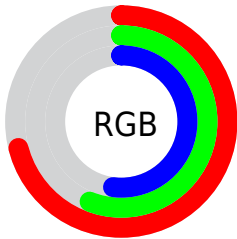
Format	Color
RYB	182, 144, 133
Decimal	11964037
CIELab	62.49, 13.77, 10.59
CIElCh	62, 17.377, 37.564
Yxy	30.9845, 0.3664, 0.3420
Android (android.graphics.Color)	4290154117 (0xFFB68E85)
YUV	152.9340, -9.8275, 25.4909
Hunter-Lab	55.6637, 9.0371, 10.8252

Details

The Yxy color **30.9845, 0.3664, 0.3420** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.2377, 0.2728, 0.3156**, and the grayscale version is **31.8600, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.3757, 0.3557, 0.3400**, and **12.8836, 0.3838, 0.3451** is the 20% darker color. If you saturate the color by 10%, you get **26.3971, 0.3942, 0.3471**, and if you desaturate by 10%, it is **36.2505, 0.3432, 0.3370**.

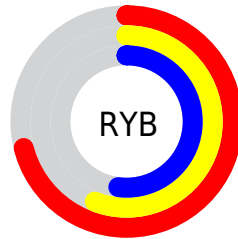
Distribution



Red (71%)

Green (56%)

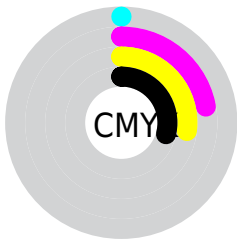
Blue (52%)



Red (71%)

Yellow (56%)

Blue (52%)

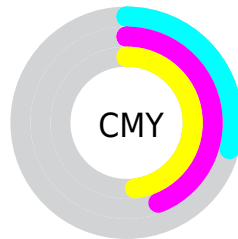


Cyan (0%)

Magenta (22%)

Yellow (27%)

Black (29%)



Cyan (29%)


Magenta (44%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.9845, 0.3664, 0.3420 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 30.9845, 0.3664, 0.3420 by changing the saturation by 10% instead.


 30.9845, 0.3664,
0.3420


 30.9845, 0.3664,
0.3420


306.4669, 0.3375,
0.3356


 20.5870, 0.3744,
0.3435


 61.2157, 0.3554,
0.3397

 12.8225, 0.3851,
0.3454


 81.8182, 0.3514,
0.3389

 7.3064, 0.4002,
0.3477


 106.5911, 0.3481,
0.3381

 3.6545, 0.4231,
0.3504

135.9190, 0.3453,
0.3375

 1.4822, 0.4630,
0.3541

170.1861, 0.3429,
0.3369

 0.2762, 0.6843,
0.3157

209.7768, 0.3409,

 0.0000, 0.0000,

0.3364

0.0000

255.0757, 0.3391,
0.3360

■ 30.9845, 0.3664,
0.3420

■ 30.9845, 0.3664,
0.3420

■ 26.3971, 0.3942,
0.3471

■ 36.2505, 0.3432,
0.3370

■ 22.4566, 0.4271,
0.3519

■ 42.2169, 0.3240,
0.3321

■ 19.1347, 0.4647,
0.3557

■ 48.9097, 0.3082,
0.3277

■ 16.3996, 0.5057,
0.3579

■ 56.3523, 0.2950,
0.3236

■ 14.2167, 0.5472,
0.3575

■ 64.5670, 0.2841,
0.3198

■ 12.5473, 0.5845,
0.3539

■ 73.5753, 0.2750,
0.3164

■ 11.3463, 0.6129,
0.3474

■ 83.0462, 0.2700,
0.3191

■ 11.0590, 0.6203,
0.3457

■ 88.6834, 0.2711,
0.3289

Harmonies

Analogous

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



30.9845, 0.3516, 0.3187



30.9845, 0.3664, 0.3420



30.9845, 0.3660, 0.3633

Triad

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



30.9845, 0.3664, 0.3420



30.9845, 0.2978, 0.3626



30.9845, 0.2748, 0.2833

Complementary

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



30.9845, 0.3664, 0.3420



38.2377, 0.2728, 0.3156

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.



30.9845, 0.2619, 0.2924



30.9845, 0.3664, 0.3420



30.9845, 0.2747, 0.3381

Square

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



30.9845, 0.3664, 0.3420



30.9845, 0.3257, 0.3769



30.9845, 0.2619, 0.3121



30.9845, 0.2980, 0.2858

Rectangle

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



30.9845, 0.3664, 0.3420



30.9845, 0.3573, 0.3734



30.9845, 0.2619, 0.3121



30.9845, 0.2692, 0.2850

Sweetspot

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



30.9859, 0.3664, 0.3420



75.1691, 0.3261, 0.3327



29.7338, 0.3250, 0.2744



16.2294, 0.3289, 0.3334



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.



30.9859, 0.3664, 0.3420



51.3626, 0.3814, 0.3449



39.0809, 0.3578, 0.3754



9.2725, 0.3283, 0.3333



7.8839, 0.6186, 0.3470



0.3597, 0.5723, 0.3838

Inverse Universe

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



38.2377, 0.2728, 0.3156



66.5999, 0.2650, 0.3124



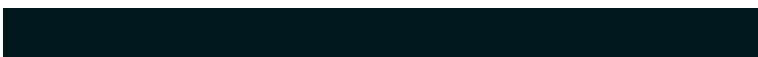
29.7021, 0.2691, 0.2777



9.9219, 0.2985, 0.3247



17.5427, 0.2083, 0.2698



0.6924, 0.2130, 0.2867

Previews

White Background



This preview shows how the Yxy color 30.9845, 0.3664, 0.3420 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 30.9845, 0.3664, 0.3420 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 30.9845, 0.3664, 0.3420

Background



This preview shows how black text looks on a background with the Yxy color 30.9845, 0.3664, 0.3420.



This preview shows how white text looks on a background with the Yxy color 30.9845, 0.3664, 0.3420.

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

30.9845, 0.3664, 0.3420

Protanopia

31.1363, 0.3314, 0.3491

Deuteranopia

31.1079, 0.3561, 0.3497



Tritanopia

30.8576, 0.3508, 0.3137

Trichromacy



Original Color

30.9845, 0.3664, 0.3420

Protanomaly

31.0644, 0.3437, 0.3471

Deuteranomaly

31.1468, 0.3598, 0.3481

Tritanomaly

30.8371, 0.3560, 0.3235

Monochromacy



Original Color

30.9845, 0.3664, 0.3420

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.4627, 0.3312, 0.3335

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.9845, 0.3664, 0.3420 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(182, 142, 133)` looks like.

```
.text, #text, p{  
    color:rgb(182, 142, 133)  
}
```

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(182, 142, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 142, 133) }
```

Border

The CSS property to change the border of an element to Yxy 30.9845, 0.3664, 0.3420 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(182, 142, 133) }
```

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

```
.border{ border-color:rgb(182, 142, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 142, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 142, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 142, 133);  
box-shadow:4px 4px 4px 4px rgb(182, 142,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 30.9845, 0.3664, 0.3420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 142, 133) }
```

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

```
.background{ background-color: rgb(182,  
142, 133) }
```

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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