

Converting Colors

$Yxy(41.0713, 0.3736, 0.3665)$

Have a look what the booklet for
Yxy(41.0713, 0.3736, 0.3665)
contains.

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Color

Yxy(40.9672, 0.3735, 0.3668)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | C8A588 |
| RGB | 200, 165, 136 |
| RGB Percent | 78%, 65%, 53% |
| CMY | 0.2158, 0.3529, 0.4666 |
| CMYK | 0.00, 0.17, 0.32, 0.22 |
| HSL | 27°, 37%, 66% |
| HSV | 27°, 32%, 78% |
| XYZ | 41.7155, 40.9672, 29.0054 |
| YIQ | 172.1590, 30.1690, -1.5990 |

Conversions

Conversions Part 2

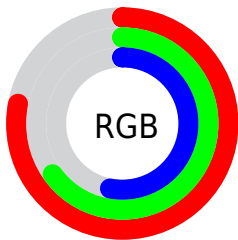
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 200, 189, 136 |
| Decimal | 13149576 |
| CIE _{Lab} | 70.15, 8.63, 19.85 |
| CIE _{LCh} | 70, 21.646, 66.511 |
| Yxy | 40.9672, 0.3735, 0.3668 |
| Android (android.graphics.Color) | 4291339656 (0xFFC8A588) |
| YUV | 172.1590, -17.8264, 24.4166 |
| Hunter-Lab | 64.0056, 4.3271, 17.9355 |

Details

The Yxy color **40.9672, 0.3735, 0.3668** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **38.5240, 0.2625, 0.2878**, and the grayscale version is **41.4208, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.1205, 0.3603, 0.3608**, and **18.5019, 0.3921, 0.3766** is the 20% darker color. If you saturate the color by 10%, you get **36.6753, 0.3982, 0.3789**, and if you desaturate by 10%, it is **45.7061, 0.3516, 0.3545**.

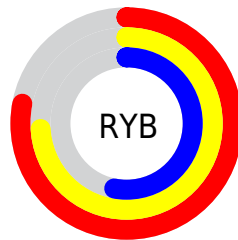
Distribution



Red (78%)

Green (65%)

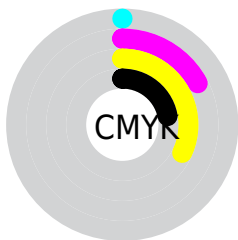
Blue (53%)



Red (78%)

Yellow (74%)

Blue (53%)

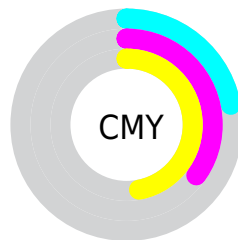


Cyan (0%)

Magenta (17%)

Yellow (32%)

Black (22%)



Cyan (22%)


Magenta (35%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.9672, 0.3735, 0.3668 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 40.9672, 0.3735, 0.3668 by changing the saturation by 10% instead.


 40.9672, 0.3735,
0.3668


 40.9672, 0.3735,
0.3668


350.1835, 0.3423,
0.3482

 28.2935, 0.3815,
0.3713


 76.6341, 0.3620,
0.3601

 18.5470, 0.3918,
0.3769


 100.3960, 0.3578,
0.3576

 11.3434, 0.4056,
0.3842


 128.6228, 0.3542,
0.3554

 6.2983, 0.4250,
0.3937

161.6989, 0.3511,
0.3536

 3.0273, 0.4538,
0.4062

200.0086, 0.3485,
0.3520

 1.1460, 0.5425,
0.4575

243.9363, 0.3461,

 0.0169, 0.9305,

0.3505

0.0695

293.8665, 0.3441,
0.3493

0.0000, 0.0000,
0.0000

40.9672, 0.3735,
0.3668

40.9672, 0.3735,
0.3668

36.6753, 0.3982,
0.3789

45.7061, 0.3516,
0.3545

32.8105, 0.4253,
0.3901

50.9000, 0.3324,
0.3425

29.3594, 0.4544,
0.3994


56.5636, 0.3158,
0.3312


26.3057, 0.4840,
0.4055


62.7092, 0.3013,
0.3206

23.6316, 0.5125,
0.4071


69.3487, 0.2889,
0.3108


 21.3170, 0.5377,
0.4035

 76.4288, 0.2786,
0.3028

 19.7004, 0.5552,
0.3974

 82.7272, 0.2795,
0.3147

 89.4144, 0.2803,
0.3263

 91.0169, 0.2805,
0.3289

Harmonies

Analogous

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



40.9672, 0.3734, 0.3425



40.9672, 0.3735, 0.3668



40.9672, 0.3566, 0.3827

Triad

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



40.9672, 0.3735, 0.3668



40.9672, 0.2705, 0.3403



40.9672, 0.2948, 0.2800

Complementary

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



40.9672, 0.3735, 0.3668



38.5240, 0.2625, 0.2878

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.



40.9672, 0.2691, 0.2775



40.9672, 0.3735, 0.3668



40.9672, 0.2556, 0.3105

Square

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



40.9672, 0.3735, 0.3668



40.9672, 0.2968, 0.3682



40.9672, 0.2551, 0.2880



40.9672, 0.3267, 0.2940

Rectangle

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



40.9672, 0.3735, 0.3668



40.9672, 0.3385, 0.3855



40.9672, 0.2551, 0.2880



40.9672, 0.2852, 0.2778

Sweetspot

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



40.9691, 0.3735, 0.3668



89.8911, 0.3292, 0.3404



32.8364, 0.3457, 0.2838



18.9508, 0.3317, 0.3420



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.



40.9691, 0.3735, 0.3668



65.9858, 0.3894, 0.3748



53.8891, 0.3616, 0.4045



11.4156, 0.3278, 0.3395



12.7028, 0.5529, 0.3992



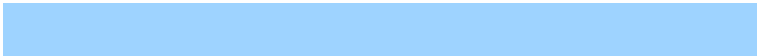
0.7457, 0.5181, 0.4268

Inverse Universe

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



38.5240, 0.2625, 0.2878



61.1241, 0.2521, 0.2777



27.9309, 0.2568, 0.2403



11.2323, 0.2983, 0.3183



9.8326, 0.1820, 0.1751



0.6090, 0.1917, 0.2101

Previews

White Background



This preview shows how the Yxy color 40.9672, 0.3735, 0.3668 looks on a white background.

Color Contrast Check

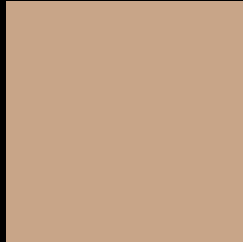
Large Text (above 18pt) WCAG AA × Fail

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 40.9672, 0.3735, 0.3668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

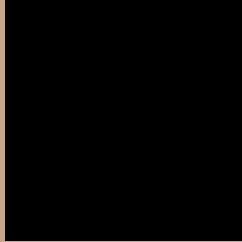
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.9672, 0.3735, 0.3668

Background



This preview shows how black text looks on a background with the Yxy color 40.9672, 0.3735, 0.3668.



This preview shows how white text looks on a background with the Yxy color 40.9672, 0.3735, 0.3668.

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

40.9672, 0.3735, 0.3668

Protanopia

40.9350, 0.3509, 0.3730

Deuteranopia

40.9672, 0.3735, 0.3668



Tritanopia

40.9575, 0.3444, 0.3140

Trichromacy



Original Color

40.9672, 0.3735, 0.3668

Protanomaly

41.0297, 0.3593, 0.3708

Deuteranomaly

40.9672, 0.3735, 0.3668

Tritanomaly

41.0404, 0.3554, 0.3330

Monochromacy



Original Color

40.9672, 0.3735, 0.3668

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.8242, 0.3335, 0.3426

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.9672, 0.3735, 0.3668 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(200, 165, 136)` looks like.

```
.text, #text, p{  
    color:rgb(200, 165, 136)  
}
```

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(200, 165, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 165, 136) }
```

Border

The CSS property to change the border of an element to Yxy 40.9672, 0.3735, 0.3668 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(200, 165, 136) }
```

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

```
.border{ border-color:rgb(200, 165, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 165, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 165, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 165, 136);  
box-shadow:4px 4px 4px 4px rgb(200, 165,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 40.9672, 0.3735, 0.3668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 165, 136) }
```

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

```
.background{ background-color: rgb(200,  
165, 136) }
```

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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