

Converting Colors

$Yxy(39.7112, 0.3722, 0.3571)$

Have a look what the booklet for
Yxy(39.7112, 0.3722, 0.3571)
contains.

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Color

Yxy(39.6625, 0.3712, 0.3565)

Conversions

Conversions Part 1

Format	Color
Hex	C8A18C
RGB	200, 161, 140
RGB Percent	78%, 63%, 55%
CMY	0.2157, 0.3686, 0.4509
CMYK	0.00, 0.19, 0.30, 0.22
HSL	21°, 35%, 67%
HSV	21°, 30%, 78%
XYZ	41.2980, 39.6625, 30.2948
YIQ	170.2670, 29.9850, 1.7370

Conversions

Conversions Part 2

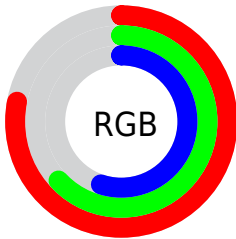
Format	Color
R _Y B	200, 172, 140
Decimal	13148556
CIE Lab	69.23, 11.34, 16.38
CIE LCh	69, 19.921, 55.303
Yxy	39.6625, 0.3712, 0.3565
Android (android.graphics.Color)	4291338636 (0xFFC8A18C)
YUV	170.2670, -14.9216, 26.0758
Hunter-Lab	62.9782, 6.8396, 15.5641

Details

The Yxy color **39.6625, 0.3712, 0.3565** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.9890, 0.2666, 0.2996**, and the grayscale version is **40.4045, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.2668, 0.3577, 0.3517**, and **17.6952, 0.3894, 0.3628** is the 20% darker color. If you saturate the color by 10%, you get **34.8166, 0.3974, 0.3660**, and if you desaturate by 10%, it is **45.0918, 0.3485, 0.3469**.

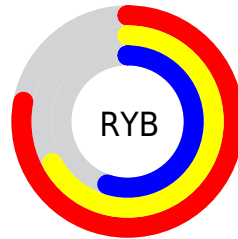
Distribution



Red (78%)

Green (63%)

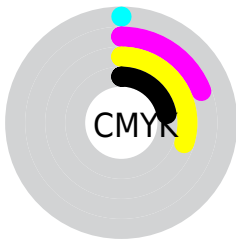
Blue (55%)



Red (78%)

Yellow (67%)

Blue (55%)

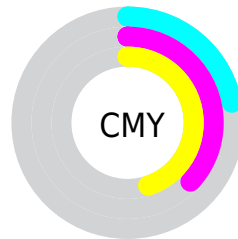


Cyan (0%)

Magenta (19%)

Yellow (30%)

Black (22%)



Cyan (22%)


Magenta (37%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.6625, 0.3712, 0.3565 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 39.6625, 0.3712, 0.3565 by changing the saturation by 10% instead.


 39.6625, 0.3712,
0.3565


 39.6625, 0.3712,
0.3565


344.6990, 0.3410,
0.3430

 27.2755, 0.3790,
0.3597


 74.6493, 0.3600,
0.3517

 17.7802, 0.3893,
0.3637


 98.0179, 0.3558,
0.3499

 10.7923, 0.4031,
0.3689


 125.8158, 0.3524,
0.3483

 5.9274, 0.4229,
0.3755

158.4274, 0.3494,
0.3470

 2.8010, 0.4531,
0.3840

196.2372, 0.3469,
0.3458

 1.0287, 0.5614,
0.4386

239.6294, 0.3446,


 0.0000, 1.0000,

0.3448


0.0000

288.9886, 0.3427,
0.3439

 0.0000, 0.0000,
0.0000


 39.6625, 0.3712,
0.3565

 39.6625, 0.3712,
0.3565


 34.8166, 0.3974,
0.3660


 45.0918, 0.3485,
0.3469


 30.5283, 0.4272,
0.3749


 51.1182, 0.3292,
0.3377


 26.7782, 0.4599,
0.3822

 57.7616, 0.3127,
0.3290

 23.5431, 0.4945,
0.3867

 65.0394, 0.2987,
0.3209

 20.7983, 0.5285,
0.3872

 72.9684, 0.2868,
0.3135

■ 18.5162, 0.5590,
0.3828

■ 81.2374, 0.2793,
0.3119

■ 16.6593, 0.5843,
0.3743

■ 89.1260, 0.2803,
0.3258

■ 16.6580, 0.5843,
0.3742

■ 91.0189, 0.2805,
0.3289

Harmonies

Analogous

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



39.6625, 0.3648, 0.3325



39.6625, 0.3712, 0.3565



39.6625, 0.3611, 0.3749

Triad

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



39.6625, 0.3712, 0.3565



39.6625, 0.2816, 0.3500



39.6625, 0.2861, 0.2810

Complementary

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



39.6625, 0.3712, 0.3565



41.9890, 0.2666, 0.2996

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.



39.6625, 0.2657, 0.2833



39.6625, 0.3712, 0.3565



39.6625, 0.2631, 0.3219

Square

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



39.6625, 0.3712, 0.3565



39.6625, 0.3088, 0.3725



39.6625, 0.2575, 0.2976



39.6625, 0.3145, 0.2903

Rectangle

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



39.6625, 0.3712, 0.3565



39.6625, 0.3467, 0.3809



39.6625, 0.2575, 0.2976



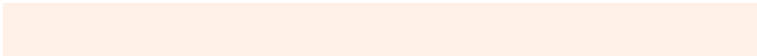
39.6625, 0.2781, 0.2804

Sweetspot

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



39.6643, 0.3712, 0.3565



89.4572, 0.3277, 0.3369



34.3345, 0.3358, 0.2782



18.8008, 0.3303, 0.3382



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.



39.6643, 0.3712, 0.3565



63.0879, 0.3879, 0.3628



50.9995, 0.3609, 0.3918



11.2340, 0.3281, 0.3371



10.7451, 0.5818, 0.3763



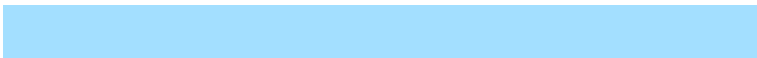
0.6448, 0.5413, 0.4084

Inverse Universe

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



41.9890, 0.2666, 0.2996



67.7358, 0.2569, 0.2922



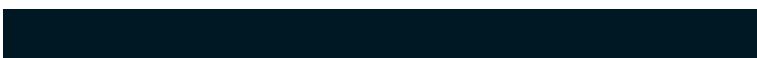
31.5629, 0.2619, 0.2571



11.4186, 0.2984, 0.3207



12.9776, 0.1921, 0.2114



0.7466, 0.1997, 0.2387

Previews

White Background



This preview shows how the Yxy color 39.6625, 0.3712, 0.3565 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 39.6625, 0.3712, 0.3565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

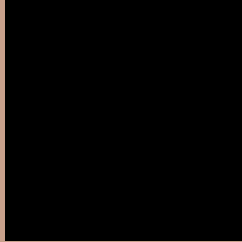
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.6625, 0.3712, 0.3565

Background



This preview shows how black text looks on a background with the Yxy color 39.6625, 0.3712, 0.3565.



This preview shows how white text looks on a background with the Yxy color 39.6625, 0.3712, 0.3565.

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

39.6625, 0.3712, 0.3565

Protanopia

39.8545, 0.3431, 0.3639

Deuteranopia

39.8236, 0.3665, 0.3595



Tritanopia

39.6750, 0.3469, 0.3139

Trichromacy



Original Color

39.6625, 0.3712, 0.3565

Protanomaly

39.6947, 0.3527, 0.3604

Deuteranomaly

39.6044, 0.3678, 0.3581

Tritanomaly

39.4789, 0.3564, 0.3291

Monochromacy



Original Color

39.6625, 0.3712, 0.3565

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.9644, 0.3329, 0.3400

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.6625, 0.3712, 0.3565 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, 161, 140)` looks like.

```
.text, #text, p{  
    color:rgb(200, 161, 140)  
}
```

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, 161, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 161, 140) }
```

Border

The CSS property to change the border of an element to Yxy 39.6625, 0.3712, 0.3565 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, 161, 140) }
```

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

```
.border{ border-color:rgb(200, 161, 140) }
```

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

Here you see how a box with a 4 pixel rgb(200, 161, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 161, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 161, 140);  
box-shadow:4px 4px 4px 4px rgb(200, 161,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 39.6625, 0.3712, 0.3565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 161, 140) }
```

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

```
.background{ background-color: rgb(200,  
161, 140) }
```

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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