

Converting Colors

$Yxy(42.5536, 0.3677, 0.3692)$

Have a look what the booklet for
Yxy(42.5536, 0.3677, 0.3692)
contains.

Yxy(42.7556, 0.3678, 0.3693)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(42.7556, 0.3678, 0.3693)

Conversions

Conversions Part 1

Format	Color
Hex	C7AA8B
RGB	199, 170, 139
RGB Percent	78%, 67%, 55%
CMY	0.2197, 0.3333, 0.4549
CMYK	0.00, 0.15, 0.30, 0.22
HSL	31°, 35%, 66%
HSV	31°, 30%, 78%
XYZ	42.5819, 42.7556, 30.4372
YIQ	175.1370, 27.2350, -3.4930

Conversions

Conversions Part 2

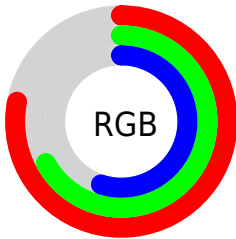
Format	Color
RYB	195, 199, 139
Decimal	13085323
CIELab	71.39, 5.91, 19.90
CIElCh	71, 20.759, 73.451
Yxy	42.7556, 0.3678, 0.3693
Android (android.graphics.Color)	4291275403 (0xFFC7AA8B)
YUV	175.1370, -17.8155, 20.9279
Hunter-Lab	65.3878, 1.8145, 18.1727

Details

The Yxy color **42.7556, 0.3678, 0.3693** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **37.6018, 0.2648, 0.2849**, and the grayscale version is **43.0275, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.9607, 0.3563, 0.3616**, and **19.6074, 0.3835, 0.3801** is the 20% darker color. If you saturate the color by 10%, you get **38.7561, 0.3907, 0.3831**, and if you desaturate by 10%, it is **47.1282, 0.3472, 0.3554**.

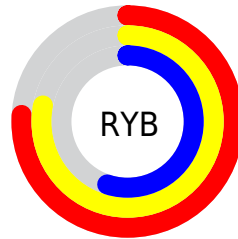
Distribution



Red (78%)

Green (67%)

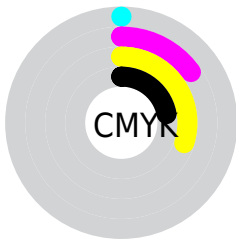
Blue (55%)



Red (76%)

Yellow (78%)

Blue (55%)

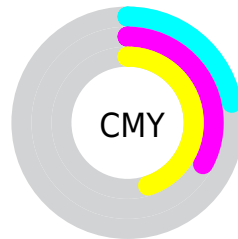


Cyan (0%)

Magenta (15%)

Yellow (30%)

Black (22%)



Cyan (22%)


Magenta (33%)


Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.7556, 0.3678, 0.3693 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 42.7556, 0.3678, 0.3693 by changing the saturation by 10% instead.


 42.7556, 0.3678,
0.3693

 42.7556, 0.3678,
0.3693


357.6057, 0.3398,
0.3493

 29.6934, 0.3749,
0.3742


 79.3419, 0.3575,
0.3621

 19.6060, 0.3840,
0.3803


 103.6348, 0.3537,
0.3594

 12.1090, 0.3962,
0.3883


 132.4401, 0.3505,
0.3571

 6.8179, 0.4131,
0.3989

166.1421, 0.3477,
0.3551

 3.3485, 0.4378,
0.4134

205.1253, 0.3453,
0.3534

 1.3163, 0.5239,
0.4761

249.7740, 0.3433,

 0.1537, 0.6539,

0.3519

0.3461

300.4727, 0.3414,
0.3505

0.0000, 0.0000,
0.0000

42.7556, 0.3678,
0.3693

42.7556, 0.3678,
0.3693

38.7561, 0.3907,
0.3831

47.1282, 0.3472,
0.3554

35.1123, 0.4156,
0.3961

51.8786, 0.3290,
0.3420

31.8143, 0.4419,
0.4073


57.0191, 0.3129,
0.3292

28.8490, 0.4686,
0.4155


62.5595, 0.2989,
0.3172

26.2022, 0.4942,
0.4194

68.5089, 0.2866,
0.3062

 23.8580, 0.5171,
0.4182

 74.6565, 0.2778,
0.2995

 21.8177, 0.5364,
0.4123

 80.0795, 0.2786,
0.3100

 85.8008, 0.2793,
0.3203

 90.8776, 0.2800,
0.3289

Harmonies

Analogous

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



42.7556, 0.3716, 0.3476



42.7556, 0.3678, 0.3693



42.7556, 0.3488, 0.3815

Triad

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



42.7556, 0.3678, 0.3693



42.7556, 0.2683, 0.3330



42.7556, 0.3026, 0.2847

Complementary

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



42.7556, 0.3678, 0.3693



37.6018, 0.2648, 0.2849

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.



42.7556, 0.2762, 0.2797



42.7556, 0.3678, 0.3693



42.7556, 0.2572, 0.3059

Square

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



42.7556, 0.3678, 0.3693



42.7556, 0.2912, 0.3606



42.7556, 0.2600, 0.2869



42.7556, 0.3330, 0.3002

Rectangle

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



42.7556, 0.3678, 0.3693



42.7556, 0.3305, 0.3815



42.7556, 0.2600, 0.2869



42.7556, 0.2930, 0.2818

Sweetspot

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



42.7576, 0.3678, 0.3693



91.7416, 0.3273, 0.3406



33.4320, 0.3475, 0.2915



19.3623, 0.3298, 0.3426



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.



42.7576, 0.3678, 0.3693



70.3388, 0.3822, 0.3782



54.6973, 0.3569, 0.4037



11.5290, 0.3277, 0.3410



14.2106, 0.5344, 0.4139



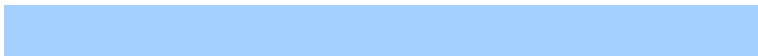
0.8175, 0.5041, 0.4379

Inverse Universe

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



37.6018, 0.2648, 0.2849



59.9080, 0.2543, 0.2738



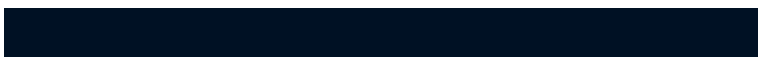
28.1658, 0.2609, 0.2420



11.1185, 0.2983, 0.3167



8.2146, 0.1760, 0.1537



0.5338, 0.1868, 0.1925

Previews

White Background



This preview shows how the Yxy color 42.7556, 0.3678, 0.3693 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 42.7556, 0.3678, 0.3693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

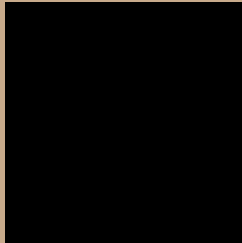
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.7556, 0.3678, 0.3693

Background



This preview shows how black text looks on a background with the Yxy color 42.7556, 0.3678, 0.3693.



This preview shows how white text looks on a background with the Yxy color 42.7556, 0.3678, 0.3693.

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

42.7556, 0.3678, 0.3693

Protanopia

43.0221, 0.3519, 0.3748

Deuteranopia

42.7067, 0.3735, 0.3661



Tritanopia

42.7811, 0.3378, 0.3140

Trichromacy



Original Color

42.7556, 0.3678, 0.3693

Protanomaly

42.8570, 0.3581, 0.3729

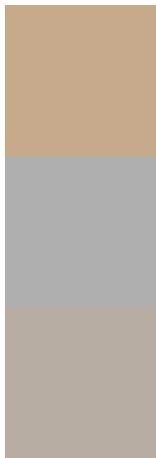
Deuteranomaly

42.7966, 0.3711, 0.3676

Tritanomaly

42.8383, 0.3494, 0.3342

Monochromacy



Original Color

42.7556, 0.3678, 0.3693

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.6861, 0.3321, 0.3438

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.7556, 0.3678, 0.3693 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(199, 170, 139)` looks like.

```
.text, #text, p{  
    color:rgb(199, 170, 139)  
}
```

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(199, 170, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 170, 139) }
```

Border

The CSS property to change the border of an element to Yxy 42.7556, 0.3678, 0.3693 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(199, 170, 139) }
```

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

```
.border{ border-color:rgb(199, 170, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 170, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 170, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 170, 139);  
box-shadow:4px 4px 4px 4px rgb(199, 170,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 42.7556, 0.3678, 0.3693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 170, 139) }
```

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

```
.background{ background-color: rgb(199,  
170, 139) }
```

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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