

Converting Colors

$Y_{xy}(27.6231, 0.3744, 0.3670)$

Have a look what the booklet for
Yxy(27.6231, 0.3744, 0.3670)
contains.

Yxy(27.6940, 0.3743, 0.3673)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(27.6940, 0.3743, 0.3673)

Conversions

Conversions Part 1

Format	Color
Hex	A88A71
RGB	168, 138, 113
RGB Percent	66%, 54%, 44%
CMY	0.3411, 0.4588, 0.5568
CMYK	0.00, 0.18, 0.33, 0.34
HSL	27°, 24%, 55%
HSV	27°, 33%, 66%
XYZ	28.2218, 27.6940, 19.4831
YIQ	144.1200, 25.9050, -1.4150

Conversions

Conversions Part 2

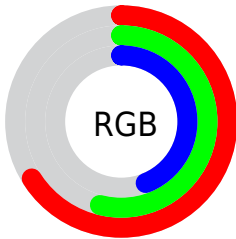
Format	Color
R_{YB}	168, 159, 113
Decimal	11045489
CIE _{Lab}	59.61, 7.66, 17.66
CIE _{LCh}	60, 19.252, 66.560
Yxy	27.6940, 0.3743, 0.3673
Android (android.graphics.Color)	4289235569 (0xFFA88A71)
YUV	144.1200, -15.3422, 20.9428
Hunter-Lab	52.6251, 3.6321, 14.8870

Details

The Yxy color $27.6940, 0.3743, 0.3673$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $25.9962, 0.2619, 0.2871$, and the grayscale version is $27.9975, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.8255, 0.3614, 0.3592$, and $11.0059, 0.3965, 0.3790$ is the 20% darker color. If you saturate the color by 10%, you get $24.8297, 0.3987, 0.3793$, and if you desaturate by 10%, it is $30.8533, 0.3526, 0.3551$.

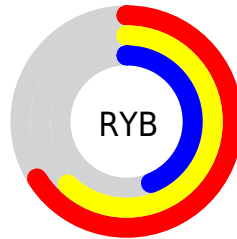
Distribution



Red (66%)

Green (54%)

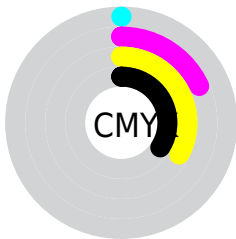
Blue (44%)



Red (66%)

Yellow (62%)

Blue (44%)

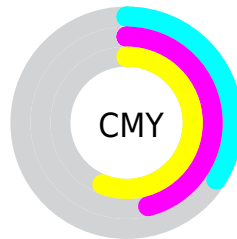


Cyan (0%)

Magenta (18%)

Yellow (33%)

Black (34%)



Cyan (34%)


Magenta (46%)

Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.6940, 0.3743, 0.3673 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 27.6940, 0.3743, 0.3673 by changing the saturation by 10% instead.


 27.6940, 0.3743,
0.3673


 27.6940, 0.3743,
0.3673


291.0018, 0.3407,
0.3472


 18.0951, 0.3837,
0.3726


 55.9955, 0.3614,
0.3598


 11.0183, 0.3963,
0.3794


 75.4670, 0.3568,
0.3570

 6.0791, 0.4142,
0.3886


 98.9980, 0.3529,
0.3547

 2.8933, 0.4411,
0.4010

 126.9731, 0.3497,
0.3527

 1.0763, 0.5375,
0.4625

159.7767, 0.3470,
0.3511

 0.0000, 1.0000,
0.0000

197.7931, 0.3446,

 0.0000, 0.0000,

0.3496

0.0000

241.4066, 0.3425,
0.3483

■ 27.6940, 0.3743,
0.3673

■ 27.6940, 0.3743,
0.3673

■ 24.8297, 0.3987,
0.3793

■ 30.8533, 0.3526,
0.3551

■ 22.2471, 0.4256,
0.3904

■ 34.3124, 0.3335,
0.3433

■ 19.9375, 0.4542,
0.3995


■ 38.0812, 0.3169,
0.3320

■ 17.8904, 0.4835,
0.4056


■ 42.1677, 0.3025,
0.3214

■ 16.0941, 0.5116,
0.4073


■ 46.5795, 0.2900,
0.3116

 14.5356, 0.5366,
0.4039

 51.3243, 0.2792,
0.3027

 13.5390, 0.5530,
0.3991

 56.4091, 0.2698,
0.2944

 61.8409, 0.2616,
0.2869

 67.0176, 0.2591,
0.2897

Harmonies

Analogous

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



27.6940, 0.3743, 0.3427



27.6940, 0.3743, 0.3673



27.6940, 0.3571, 0.3835

Triad

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



27.6940, 0.3743, 0.3673



27.6940, 0.2699, 0.3404



27.6940, 0.2946, 0.2795

Complementary

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



27.6940, 0.3743, 0.3673



25.9962, 0.2619, 0.2871

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.



27.6940, 0.2685, 0.2769



27.6940, 0.3743, 0.3673



27.6940, 0.2548, 0.3102

Square

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



27.6940, 0.3743, 0.3673



27.6940, 0.2965, 0.3687



27.6940, 0.2544, 0.2874



27.6940, 0.3270, 0.2936

Rectangle

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



27.6940, 0.3743, 0.3673



27.6940, 0.3388, 0.3863



27.6940, 0.2544, 0.2874



27.6940, 0.2849, 0.2772

Sweetspot

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



27.6953, 0.3743, 0.3673



63.9403, 0.3290, 0.3403



22.1311, 0.3462, 0.2833



13.7411, 0.3313, 0.3419



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



27.6953, 0.3743, 0.3673



46.5611, 0.3910, 0.3757



36.5292, 0.3622, 0.4053



8.0825, 0.3275, 0.3393



10.3209, 0.5514, 0.4004



0.3541, 0.4974, 0.4433

Inverse Universe

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



25.9962, 0.2619, 0.2871



43.0078, 0.2510, 0.2766



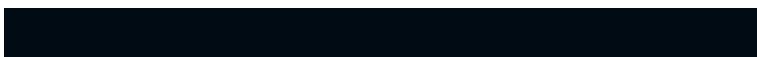
18.7748, 0.2561, 0.2392



7.9536, 0.2987, 0.3185



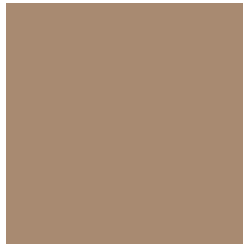
7.9800, 0.1823, 0.1761



0.2944, 0.1978, 0.2319

Previews

White Background



This preview shows how the Yxy color 27.6940, 0.3743, 0.3673 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 27.6940, 0.3743, 0.3673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

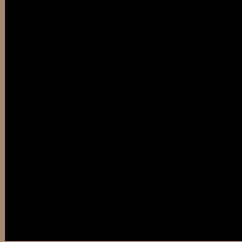
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.6940, 0.3743, 0.3673

Background



This preview shows how black text looks on a background with the Yxy color 27.6940, 0.3743, 0.3673.



This preview shows how white text looks on a background with the Yxy color 27.6940, 0.3743, 0.3673.

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

27.6940, 0.3743, 0.3673

Protanopia

27.6782, 0.3515, 0.3726

Deuteranopia

27.6940, 0.3743, 0.3673



Tritanopia

27.7217, 0.3441, 0.3143

Trichromacy



Original Color

27.6940, 0.3743, 0.3673

Protanomaly

27.5567, 0.3591, 0.3704

Deuteranomaly

27.6940, 0.3743, 0.3673

Tritanomaly

27.5674, 0.3551, 0.3321

Monochromacy



Original Color

27.6940, 0.3743, 0.3673

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.8118, 0.3339, 0.3434

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.6940, 0.3743, 0.3673 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(168, 138, 113)` looks like.

```
.text, #text, p{  
    color:rgb(168, 138, 113)  
}
```

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(168, 138, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 138, 113) }
```

Border

The CSS property to change the border of an element to Yxy 27.6940, 0.3743, 0.3673 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(168, 138, 113) }
```

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

```
.border{ border-color:rgb(168, 138, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 138, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 138, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 138, 113);  
box-shadow:4px 4px 4px 4px rgb(168, 138,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 27.6940, 0.3743, 0.3673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 138, 113) }
```

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

```
.background{ background-color: rgb(168,  
138, 113) }
```

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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