

Converting Colors

$Y_{xy}(29.1521, 0.3936, 0.3631)$

Have a look what the booklet for
Yxy(29.1521, 0.3936, 0.3631)
contains.

Yxy(29.2739, 0.3934, 0.3633)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(29.2739, 0.3934, 0.3633)

Conversions

Conversions Part 1

Format	Color
Hex	B88971
RGB	184, 137, 113
RGB Percent	72%, 54%, 44%
CMY	0.2783, 0.4628, 0.5568
CMYK	0.00, 0.26, 0.39, 0.28
HSL	20°, 33%, 58%
HSV	20°, 39%, 72%
XYZ	31.6993, 29.2739, 19.6046
YIQ	148.3170, 35.7160, 2.5000

Conversions

Conversions Part 2

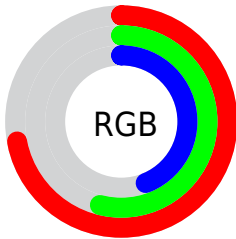
Format	Color
R_{YB}	184, 149, 113
Decimal	12093809
CIE _{Lab}	61.02, 14.75, 19.86
CIE _{LCh}	61, 24.739, 53.405
Yxy	29.2739, 0.3934, 0.3633
Android (android.graphics.Color)	4290283889 (0xFFB88971)
YUV	148.3170, -17.4113, 31.2940
Hunter-Lab	54.1054, 9.8953, 16.3906

Details

The Yxy color $29.2739, 0.3934, 0.3633$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $32.1317, 0.2543, 0.2914$, and the grayscale version is $29.8181, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.2443, 0.3764, 0.3566$, and $11.8652, 0.4210, 0.3724$ is the 20% darker color. If you saturate the color by 10%, you get $25.6303, 0.4228, 0.3720$, and if you desaturate by 10%, it is $33.3958, 0.3677, 0.3541$.

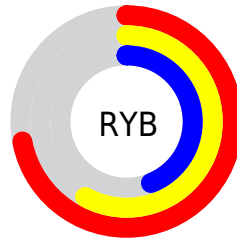
Distribution



Red (72%)

Green (54%)

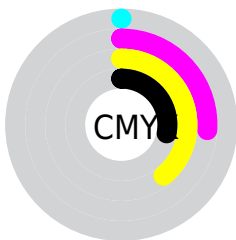
Blue (44%)



Red (72%)

Yellow (58%)

Blue (44%)

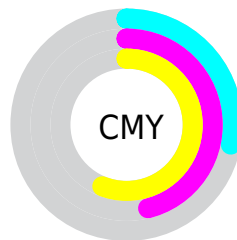


Cyan (0%)

Magenta (26%)

Yellow (39%)

Black (28%)



Cyan (28%)


Magenta (46%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.2739, 0.3934, 0.3633 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 29.2739, 0.3934, 0.3633 by changing the saturation by 10% instead.


 29.2739, 0.3934,
0.3633


 29.2739, 0.3934,
0.3633


298.5051, 0.3497,
0.3462


 19.2881, 0.4054,
0.3674


 58.5120, 0.3767,
0.3572


 11.8787, 0.4216,
0.3724


 78.5331, 0.3706,
0.3548

 6.6611, 0.4441,
0.3785


 102.6680, 0.3656,
0.3528

 3.2511, 0.4775,
0.3854

 131.3013, 0.3614,
0.3511

 1.2642, 0.5761,
0.4239

164.8172, 0.3578,
0.3496

 0.1132, 0.8051,
0.1949

203.6003, 0.3547,

 0.0000, 0.0000,

0.3483

0.0000

248.0348, 0.3520,
0.3472

■ 29.2739, 0.3934,
0.3633

■ 29.2739, 0.3934,
0.3633

■ 25.6303, 0.4228,
0.3720

■ 33.3958, 0.3677,
0.3541

■ 22.4429, 0.4554,
0.3792

■ 38.0089, 0.3455,
0.3449

■ 19.6935, 0.4901,
0.3841


■ 43.1308, 0.3267,
0.3361

■ 17.3614, 0.5248,
0.3852


■ 48.7768, 0.3106,
0.3279

■ 15.4236, 0.5566,
0.3816


■ 54.9616, 0.2970,
0.3202

 13.8506, 0.5830,
0.3736

 61.6994, 0.2854,
0.3132

 13.6549, 0.5866,
0.3725

 69.0037, 0.2756,
0.3068

 76.5459, 0.2698,
0.3065

 83.7467, 0.2712,
0.3199

Harmonies

Analogous

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



29.2739, 0.3833, 0.3307



29.2739, 0.3934, 0.3633



29.2739, 0.3802, 0.3900

Triad

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



29.2739, 0.3934, 0.3633



29.2739, 0.2719, 0.3604



29.2739, 0.2740, 0.2642

Complementary

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



29.2739, 0.3934, 0.3633



32.1317, 0.2543, 0.2914

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.



29.2739, 0.2478, 0.2675



29.2739, 0.3934, 0.3633



29.2739, 0.2465, 0.3208

Square

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



29.2739, 0.3934, 0.3633



29.2739, 0.3092, 0.3914



29.2739, 0.2381, 0.2871



29.2739, 0.3121, 0.2759

Rectangle

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



29.2739, 0.3934, 0.3633



29.2739, 0.3609, 0.4000



29.2739, 0.2381, 0.2871



29.2739, 0.2637, 0.2635

Sweetspot

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



29.2753, 0.3934, 0.3633



74.7004, 0.3331, 0.3393



24.5569, 0.3444, 0.2638



15.8443, 0.3355, 0.3404



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.



29.2753, 0.3934, 0.3633



47.5863, 0.4171, 0.3705



40.9655, 0.3752, 0.4094



9.4946, 0.3280, 0.3368



9.5262, 0.5843, 0.3742



0.4532, 0.5335, 0.4146

Inverse Universe

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



32.1317, 0.2543, 0.2914



53.4358, 0.2428, 0.2819



21.6014, 0.2457, 0.2330



9.6859, 0.2985, 0.3211



12.0906, 0.1934, 0.2162



0.5357, 0.2024, 0.2487

Previews

White Background



This preview shows how the Yxy color 29.2739, 0.3934, 0.3633 looks on a white background.

Color Contrast Check

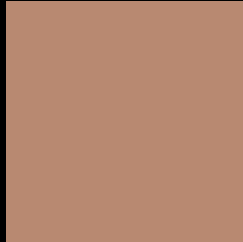
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.2739, 0.3934, 0.3633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

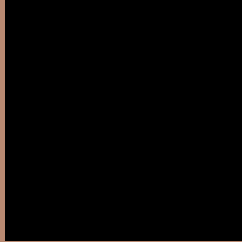
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.2739, 0.3934, 0.3633

Background



This preview shows how black text looks on a background with the Yxy color 29.2739, 0.3934, 0.3633.



This preview shows how white text looks on a background with the Yxy color 29.2739, 0.3934, 0.3633.

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

29.2739, 0.3934, 0.3633

Protanopia

29.3435, 0.3526, 0.3748

Deuteranopia

29.5145, 0.3804, 0.3736



Tritanopia

29.3230, 0.3638, 0.3152

Trichromacy



Original Color

29.2739, 0.3934, 0.3633

Protanomaly

29.1214, 0.3676, 0.3703

Deuteranomaly

29.3910, 0.3860, 0.3700

Tritanomaly

29.1552, 0.3751, 0.3320

Monochromacy



Original Color

29.2739, 0.3934, 0.3633

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

29.2729, 0.3403, 0.3429

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.2739, 0.3934, 0.3633 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(184, 137, 113)` looks like.

```
.text, #text, p{  
    color:rgb(184, 137, 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(184, 137, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 137, 113) }
```

Border

The CSS property to change the border of an element to Yxy 29.2739, 0.3934, 0.3633 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(184, 137, 113) }
```

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

```
.border{ border-color:rgb(184, 137, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 137, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 137, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 137, 113);  
box-shadow:4px 4px 4px 4px rgb(184, 137,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 29.2739, 0.3934, 0.3633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 137, 113) }
```

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

```
.background{ background-color: rgb(184,  
137, 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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