

Converting Colors

$Y_{xy}(28.9014, 0.3733, 0.3437)$

Have a look what the booklet for
Yxy(28.9014, 0.3733, 0.3437)
contains.

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Color

Yxy(28.8180, 0.3744, 0.3437)

Conversions

Conversions Part 1

Format	Color
Hex	B4887E
RGB	180, 136, 126
RGB Percent	71%, 53%, 49%
CMY	0.2941, 0.4666, 0.5060
CMYK	0.00, 0.24, 0.30, 0.29
HSL	11°, 26%, 60%
HSV	11°, 30%, 71%
XYZ	31.3921, 28.8180, 23.6363
YIQ	148.0160, 29.4340, 6.2180

Conversions

Conversions Part 2

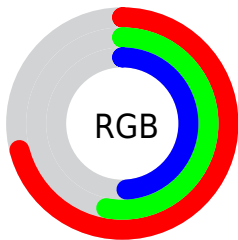
Format	Color
RYB	180, 138, 126
Decimal	11831422
CIELab	60.62, 15.36, 11.90
CIELCh	61, 19.431, 37.783
Yxy	28.8180, 0.3744, 0.3437
Android (android.graphics.Color)	4290021502 (0xFFB4887E)
YUV	148.0160, -10.8539, 28.0500
Hunter-Lab	53.6824, 10.4380, 11.4724

Details

The Yxy color $28.8180, 0.3744, 0.3437$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $36.4684, 0.2684, 0.3137$, and the grayscale version is $29.6584, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.6544, 0.3615, 0.3402$, and $11.6270, 0.3966, 0.3474$ is the 20% darker color. If you saturate the color by 10%, you get $24.5453, 0.4037, 0.3488$, and if you desaturate by 10%, it is $33.7417, 0.3499, 0.3386$.

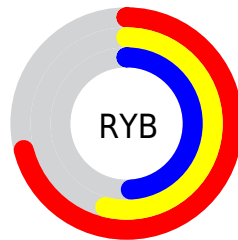
Distribution



Red (71%)

Green (53%)

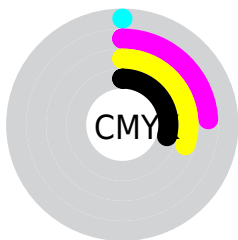
Blue (49%)



Red (71%)

Yellow (54%)

Blue (49%)

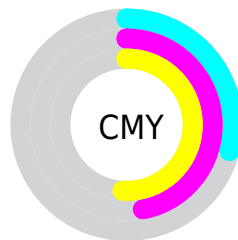


Cyan (0%)

Magenta (24%)

Yellow (30%)

Black (29%)



Cyan (29%)


Magenta (47%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.8180, 0.3744, 0.3437 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 28.8180, 0.3744, 0.3437 by changing the saturation by 10% instead.


 28.8180, 0.3744,
0.3437


 28.8180, 0.3744,
0.3437


296.3553, 0.3408,
0.3365


 18.9432, 0.3838,
0.3454


 57.7878, 0.3615,
0.3412

 11.6292, 0.3965,
0.3474


 77.6516, 0.3568,
0.3402

 6.4917, 0.4147,
0.3498


 101.6138, 0.3530,
0.3393

 3.1463, 0.4426,
0.3524

130.0588, 0.3498,
0.3386

 1.2086, 0.5027,
0.3628

163.3711, 0.3470,
0.3380

 0.0687, 0.8650,
0.1350


201.9350, 0.3447,


 0.0000, 0.0000,


0.3374


0.0000

246.1349, 0.3426,
0.3369


 28.8180, 0.3744,
0.3437


 28.8180, 0.3744,
0.3437


 24.5453, 0.4037,
0.3488


 33.7417, 0.3499,
0.3386


 20.8923, 0.4380,
0.3534

 39.3380, 0.3295,
0.3336


 17.8311, 0.4768,
0.3569


 45.6325, 0.3127,
0.3290


 15.3301, 0.5183,
0.3584


 52.6481, 0.2988,
0.3248


 13.3547, 0.5589,
0.3571


 60.4068, 0.2873,
0.3209

 11.8661, 0.5938,
0.3525

 68.9298, 0.2777,
0.3174

 10.8156, 0.6199,
0.3460

 78.2370, 0.2696,
0.3142

 87.3455, 0.2699,
0.3270

 88.4441, 0.2701,
0.3289

Harmonies

Analogous

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



28.8180, 0.3575, 0.3173



28.8180, 0.3744, 0.3437



28.8180, 0.3737, 0.3680

Triad

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



28.8180, 0.3744, 0.3437



28.8180, 0.2953, 0.3676



28.8180, 0.2696, 0.2769

Complementary

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



28.8180, 0.3744, 0.3437



36.4684, 0.2684, 0.3137

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.



28.8180, 0.2549, 0.2869



28.8180, 0.3744, 0.3437



28.8180, 0.2692, 0.3391

Square

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



28.8180, 0.3744, 0.3437



28.8180, 0.3271, 0.3842



28.8180, 0.2547, 0.3092



28.8180, 0.2960, 0.2800

Rectangle

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



28.8180, 0.3744, 0.3437



28.8180, 0.3635, 0.3798



28.8180, 0.2547, 0.3092



28.8180, 0.2632, 0.2788

Sweetspot

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



28.8193, 0.3744, 0.3437



72.2585, 0.3280, 0.3332



27.5245, 0.3267, 0.2680



15.2825, 0.3306, 0.3339



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



28.8193, 0.3744, 0.3437



47.0101, 0.3932, 0.3471



37.3671, 0.3636, 0.3809



8.7521, 0.3283, 0.3333



7.6224, 0.6181, 0.3474



0.3159, 0.5688, 0.3866

Inverse Universe

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



36.4684, 0.2684, 0.3137



63.0929, 0.2595, 0.3098



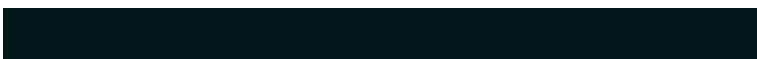
27.3986, 0.2637, 0.2709



9.3579, 0.2986, 0.3247



16.8636, 0.2082, 0.2694



0.6001, 0.2133, 0.2877

Previews

White Background



This preview shows how the Yxy color 28.8180, 0.3744, 0.3437 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 28.8180, 0.3744, 0.3437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

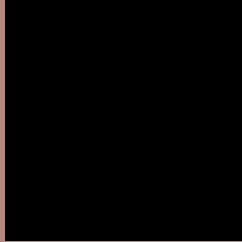
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.8180, 0.3744, 0.3437

Background



This preview shows how black text looks on a background with the Yxy color 28.8180, 0.3744, 0.3437.



This preview shows how white text looks on a background with the Yxy color 28.8180, 0.3744, 0.3437.

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

28.8180, 0.3744, 0.3437

Protanopia

28.9688, 0.3351, 0.3529

Deuteranopia

28.8553, 0.3598, 0.3534



Tritanopia

28.7338, 0.3569, 0.3135

Trichromacy



Original Color

28.8180, 0.3744, 0.3437

Protanomaly

28.7175, 0.3494, 0.3491

Deuteranomaly

28.7166, 0.3651, 0.3501

Tritanomaly

28.6801, 0.3635, 0.3248

Monochromacy



Original Color

28.8180, 0.3744, 0.3437

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

29.3136, 0.3340, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.8180, 0.3744, 0.3437 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(180, 136, 126)` looks like.

```
.text, #text, p{  
    color:rgb(180, 136, 126)  
}
```

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(180, 136, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 136, 126) }
```

Border

The CSS property to change the border of an element to Yxy 28.8180, 0.3744, 0.3437 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(180, 136, 126) }
```

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

```
.border{ border-color:rgb(180, 136, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 136, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 136, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 136, 126);  
box-shadow:4px 4px 4px 4px rgb(180, 136,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 28.8180, 0.3744, 0.3437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 136, 126) }
```

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

```
.background{ background-color: rgb(180,  
136, 126) }
```

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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