

Converting Colors

$Y_{xy}(27.0929, 0.3730, 0.3351)$

Have a look what the booklet for
Yxy(27.0929, 0.3730, 0.3351)
contains.

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Color

Yxy(27.2299, 0.3729, 0.3350)

Conversions

Conversions Part 1

Format	Color
Hex	B2837F
RGB	178, 131, 127
RGB Percent	70%, 51%, 50%
CMY	0.3019, 0.4863, 0.5019
CMYK	0.00, 0.26, 0.29, 0.30
HSL	5°, 25%, 60%
HSV	5°, 29%, 70%
XYZ	30.3105, 27.2299, 23.7428
YIQ	144.5970, 29.2960, 8.7200

Conversions

Conversions Part 2

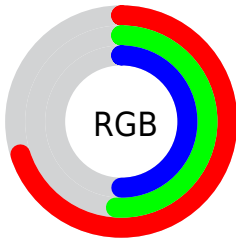
Format	Color
R_{YB}	178, 131, 127
Decimal	11699071
CIE _{Lab}	59.19, 17.52, 9.25
CIE _{LCh}	59, 19.816, 27.833
Yxy	27.2299, 0.3729, 0.3350
Android (android.graphics.Color)	4289889151 (0xFFB2837F)
YUV	144.5970, -8.6753, 29.2944
Hunter-Lab	52.1823, 12.3643, 9.5507

Details

The Yxy color **27.2299, 0.3729, 0.3350** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **38.0145, 0.2713, 0.3229**, and the grayscale version is **28.1717, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.2384, 0.3602, 0.3336**, and **10.7200, 0.3952, 0.3354** is the 20% darker color. If you saturate the color by 10%, you get **22.7423, 0.4036, 0.3372**, and if you desaturate by 10%, it is **32.5004, 0.3477, 0.3328**.

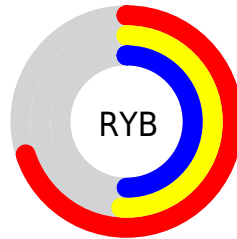
Distribution



Red (70%)

Green (51%)

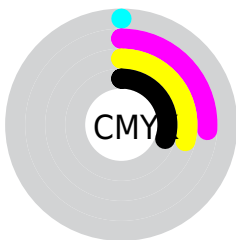
Blue (50%)



Red (70%)

Yellow (51%)

Blue (50%)

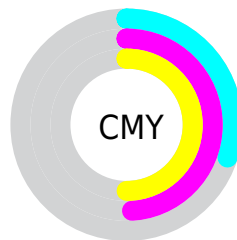


Cyan (0%)

Magenta (26%)

Yellow (29%)

Black (30%)



Cyan (30%)


Magenta (49%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.2299, 0.3729, 0.3350 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 27.2299, 0.3729, 0.3350 by changing the saturation by 10% instead.


 27.2299, 0.3729,
0.3350


 27.2299, 0.3729,
0.3350


288.7685, 0.3398,
0.3324


 17.7460, 0.3823,
0.3354


 55.2526, 0.3601,
0.3342

 10.7678, 0.3951,
0.3359


 74.5601, 0.3555,
0.3338

 5.9109, 0.4136,
0.3360

 97.9109, 0.3518,
0.3335

 2.7910, 0.4424,
0.3353

125.6894, 0.3486,
0.3332

 1.0236, 0.5067,
0.3403

158.2801, 0.3459,
0.3330

 0.0000, 1.0000,
0.0000


196.0672, 0.3436,


 0.0000, 0.0000,


0.3328

0.0000


239.4352, 0.3416,
0.3326

 27.2299, 0.3729,
0.3350


 27.2299, 0.3729,
0.3350


 22.7423, 0.4036,
0.3372


 32.5004, 0.3477,
0.3328

 18.9967, 0.4402,
0.3392

 38.5847, 0.3273,
0.3307


 15.9542, 0.4822,
0.3406


 45.5166, 0.3107,
0.3287

 13.5708, 0.5274,
0.3411


 53.3268, 0.2972,
0.3270


 11.7978, 0.5713,
0.3402

 62.0446, 0.2862,
0.3254

 10.5793, 0.6075,
0.3379

 71.6979, 0.2771,
0.3239

 9.8458, 0.6314,
0.3349

 82.3133, 0.2696,
0.3226

 9.7778, 0.6340,
0.3348

 88.2067, 0.2691,
0.3289

Harmonies

Analogous

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



27.2299, 0.3501, 0.3083



27.2299, 0.3729, 0.3350



27.2299, 0.3784, 0.3617

Triad

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



27.2299, 0.3729, 0.3350



27.2299, 0.3053, 0.3767



27.2299, 0.2613, 0.2769

Complementary

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



27.2299, 0.3729, 0.3350



38.0145, 0.2713, 0.3229

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.



27.2299, 0.2510, 0.2916



27.2299, 0.3729, 0.3350



27.2299, 0.2754, 0.3500

Square

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



27.2299, 0.3729, 0.3350



27.2299, 0.3383, 0.3883



27.2299, 0.2559, 0.3181



27.2299, 0.2851, 0.2757

Rectangle

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



27.2299, 0.3729, 0.3350



27.2299, 0.3716, 0.3763



27.2299, 0.2559, 0.3181



27.2299, 0.2562, 0.2803

Sweetspot

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



27.2312, 0.3729, 0.3350



69.3610, 0.3282, 0.3308



27.7302, 0.3195, 0.2633



14.9959, 0.3309, 0.3311



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.



27.2312, 0.3729, 0.3350



44.3715, 0.3904, 0.3363



34.7483, 0.3632, 0.3704



8.6083, 0.3285, 0.3308



7.0337, 0.6330, 0.3356



0.2563, 0.6060, 0.3570

Inverse Universe

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



38.0145, 0.2713, 0.3229



66.9518, 0.2636, 0.3215



29.2602, 0.2672, 0.2837



9.5158, 0.2986, 0.3272



21.3684, 0.2180, 0.3048



0.7056, 0.2200, 0.3120

Previews

White Background



This preview shows how the Yxy color 27.2299, 0.3729, 0.3350 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 27.2299, 0.3729, 0.3350 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 27.2299, 0.3729, 0.3350

Background



This preview shows how black text looks on a background with the Yxy color 27.2299, 0.3729, 0.3350.



This preview shows how white text looks on a background with the Yxy color 27.2299, 0.3729, 0.3350.

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

27.2299, 0.3729, 0.3350

Protanopia

27.3354, 0.3284, 0.3436

Deuteranopia

27.4698, 0.3539, 0.3477



Tritanopia

27.1483, 0.3605, 0.3147

Trichromacy



Original Color

27.2299, 0.3729, 0.3350

Protanomaly

27.1866, 0.3438, 0.3401

Deuteranomaly

27.1591, 0.3608, 0.3429

Tritanomaly

27.2982, 0.3649, 0.3219

Monochromacy



Original Color

27.2299, 0.3729, 0.3350

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.7592, 0.3335, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.2299, 0.3729, 0.3350 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(178, 131, 127)` looks like.

```
.text, #text, p{  
    color:rgb(178, 131, 127)  
}
```

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(178, 131, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 131, 127) }
```

Border

The CSS property to change the border of an element to Yxy 27.2299, 0.3729, 0.3350 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(178, 131, 127) }
```

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

```
.border{ border-color:rgb(178, 131, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 131, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 131, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 131, 127);  
box-shadow:4px 4px 4px 4px rgb(178, 131,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 27.2299, 0.3729, 0.3350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 131, 127) }
```

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

```
.background{ background-color: rgb(178,  
131, 127) }
```

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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