

Converting Colors

$Y_{xy}(27.8985, 0.3892, 0.4315)$

Have a look what the booklet for
Yxy(27.8985, 0.3892, 0.4315)
contains.

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Color

$\text{Yxy}(27.7985, 0.3889, 0.4308)$

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 9B9150 |
| RGB | 155, 145, 80 |
| RGB Percent | 61%, 57%, 31% |
| CMY | 0.3921, 0.4314, 0.6862 |
| CMYK | 0.00, 0.06, 0.48, 0.39 |
| HSL | 52°, 32%, 46% |
| HSV | 52°, 48%, 61% |
| XYZ | 25.0948, 27.7985, 11.6343 |
| YIQ | 140.5800, 26.8250, -18.0950 |

Conversions

Conversions Part 2

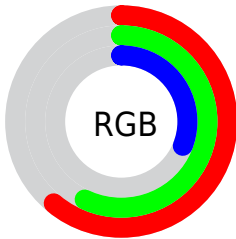
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 92, 155, 80 |
| Decimal | 10195280 |
| CIE _{Lab} | 59.71, -5.56, 35.62 |
| CIE _{LCh} | 60, 36.053, 98.866 |
| Yxy | 27.7985, 0.3889, 0.4308 |
| Android (android.graphics.Color) | 4288385360 (0xFF9B9150) |
| YUV | 140.5800, -29.8659, 12.6463 |
| Hunter-Lab | 52.7243, -7.3082, 23.8239 |

Details

The Yxy color **27.7985, 0.3889, 0.4308** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **11.3927, 0.2268, 0.2005**, and the grayscale version is **26.5762, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.3344, 0.3741, 0.4101**, and **11.1135, 0.4107, 0.4642** is the 20% darker color. If you saturate the color by 10%, you get **26.9687, 0.4039, 0.4488**, and if you desaturate by 10%, it is **28.6953, 0.3729, 0.4107**.

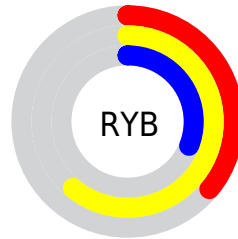
Distribution



Red (61%)

Green (57%)

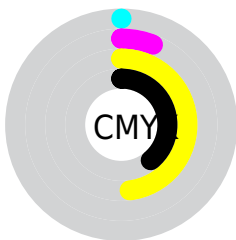
Blue (31%)



Red (36%)

Yellow (61%)

Blue (31%)

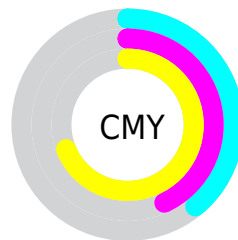


Cyan (0%)

Magenta (6%)

Yellow (48%)

Black (39%)



Cyan (39%)


Magenta (43%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.7985, 0.3889, 0.4308 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 27.7985, 0.3889, 0.4308 by changing the saturation by 10% instead.


 27.7985, 0.3889,
0.4308


 27.7985, 0.3889,
0.4308


291.5028, 0.3492,
0.3761


 18.1738, 0.3987,
0.4451


 56.1626, 0.3744,
0.4103


 11.0749, 0.4107,
0.4636


 75.6708, 0.3689,
0.4027


 6.1172, 0.4252,
0.4875

 99.2422, 0.3643,
0.3964

 2.9165, 0.4598,
0.5402

 127.2614, 0.3604,
0.3911

 1.0883, 0.4489,
0.5511

 160.1127, 0.3570,
0.3865

 0.0000, 0.0000,
0.0000

198.1804, 0.3541,

0.3826

241.8490, 0.3515,
0.3792

■ 27.7985, 0.3889,
0.4308

■ 27.7985, 0.3889,
0.4308

■ 26.9687, 0.4039,
0.4488

■ 28.6953, 0.3729,
0.4107

■ 26.1984, 0.4174,
0.4637

■ 29.6586, 0.3567,
0.3894

■ 25.4845, 0.4286,
0.4748


■ 30.6929, 0.3406,
0.3678


■ 24.8221, 0.4373,
0.4817

■ 31.8010, 0.3251,
0.3464

■ 24.2018, 0.4436,
0.4848

■ 32.9857, 0.3104,
0.3257

 24.1036, 0.4446,
0.4852

 34.2496, 0.2968,
0.3062

 35.5950, 0.2842,
0.2879

 37.0242, 0.2728,
0.2710

 38.5396, 0.2624,
0.2554

Harmonies

Analogous

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



27.7985, 0.4251, 0.3978



27.7985, 0.3889, 0.4308



27.7985, 0.3342, 0.4362

Triad

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



27.7985, 0.3889, 0.4308



27.7985, 0.2083, 0.2870



27.7985, 0.3426, 0.2686

Complementary

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



27.7985, 0.3889, 0.4308



11.3927, 0.2268, 0.2005

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.



27.7985, 0.2824, 0.2430



27.7985, 0.3889, 0.4308



27.7985, 0.2100, 0.2496

Square

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



27.7985, 0.3889, 0.4308



27.7985, 0.2312, 0.3441



27.7985, 0.2355, 0.2355



27.7985, 0.3987, 0.3074

Rectangle

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



27.7985, 0.3889, 0.4308



27.7985, 0.2950, 0.4182



27.7985, 0.2355, 0.2355



27.7985, 0.3219, 0.2583

Sweetspot

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



27.7998, 0.3889, 0.4308



55.5480, 0.3357, 0.3611



13.4700, 0.4219, 0.3107



12.4866, 0.3388, 0.3653



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



27.7998, 0.3889, 0.4308



48.1750, 0.4050, 0.4500



28.6795, 0.3532, 0.4565



7.0820, 0.3263, 0.3481



19.3933, 0.4444, 0.4854



0.3241, 0.4318, 0.4953

Inverse Universe

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



11.3927, 0.2268, 0.2005



15.3101, 0.2060, 0.1670



11.1869, 0.2530, 0.1917



6.1529, 0.2988, 0.3091



2.3582, 0.1535, 0.0727



0.0654, 0.1673, 0.1222

Previews

White Background



This preview shows how the Yxy color 27.7985, 0.3889, 0.4308 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 27.7985, 0.3889, 0.4308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

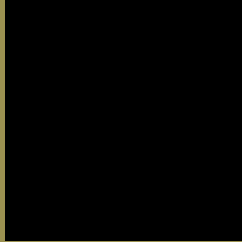
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.7985, 0.3889, 0.4308

Background



This preview shows how black text looks on a background with the Yxy color 27.7985, 0.3889, 0.4308.



This preview shows how white text looks on a background with the Yxy color 27.7985, 0.3889, 0.4308.

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

27.7985, 0.3889, 0.4308

Protanopia

27.7948, 0.3931, 0.4281

Deuteranopia

27.6145, 0.4164, 0.4085



Tritanopia

27.7108, 0.3290, 0.3123

Trichromacy



Original Color

27.7985, 0.3889, 0.4308

Protanomaly

27.6938, 0.3919, 0.4286

Deuteranomaly

27.6751, 0.4069, 0.4169

Tritanomaly

27.5572, 0.3519, 0.3559

Monochromacy



Original Color

27.7985, 0.3889, 0.4308

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.7889, 0.3407, 0.3672

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.7985, 0.3889, 0.4308 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(155, 145, 80)` looks like.

```
.text, #text, p{  
    color:rgb(155, 145, 80)  
}
```

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(155, 145, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 145, 80) }
```

Border

The CSS property to change the border of an element to Yxy 27.7985, 0.3889, 0.4308 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(155, 145, 80) }
```

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

```
.border{ border-color:rgb(155, 145, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 145, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 145, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 145, 80);  
box-shadow:4px 4px 4px 4px rgb(155, 145,  
80) }
```


Background

The CSS property to change the background color of an element to Yxy 27.7985, 0.3889, 0.4308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 145, 80) }
```

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

```
.background{ background-color: rgb(155,  
145, 80) }
```

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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