

Converting Colors

$Y_{xy}(27.5893, 0.3292, 0.3386)$

Have a look what the booklet for
Yxy(27.5893, 0.3292, 0.3386)
contains.

Yxy(27.7029, 0.3286, 0.3386)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(27.7029, 0.3286, 0.3386)

Conversions

Conversions Part 1

Format	Color
Hex	978E88
RGB	151, 142, 136
RGB Percent	59%, 56%, 53%
CMY	0.4077, 0.4432, 0.4666
CMYK	0.00, 0.06, 0.10, 0.41
HSL	24°, 7%, 56%
HSV	24°, 10%, 59%
XYZ	26.8847, 27.7029, 27.2284
YIQ	144.0070, 7.2900, 0.0420

Conversions

Conversions Part 2

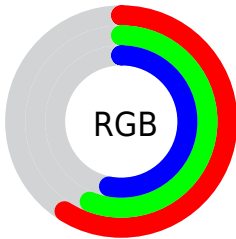
Format	Color
R_{YB}	151, 146, 136
Decimal	9932424
CIE _{Lab}	59.62, 2.27, 4.37
CIE _{LCh}	60, 4.928, 62.574
Yxy	27.7029, 0.3286, 0.3386
Android (android.graphics.Color)	4288122504 (0xFF978E88)
YUV	144.0070, -3.9475, 6.1329
Hunter-Lab	52.6335, -0.9325, 6.1716

Details

The Yxy color **27.7029, 0.3286, 0.3386** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.7393, 0.2978, 0.3192**, and the grayscale version is **27.9093, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.1331, 0.3252, 0.3374**, and **11.0355, 0.3346, 0.3431** is the 20% darker color. If you saturate the color by 10%, you get **24.7082, 0.3471, 0.3488**, and if you desaturate by 10%, it is **30.9813, 0.3126, 0.3289**.

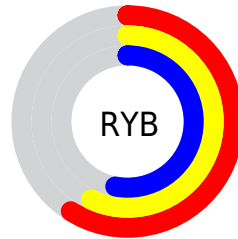
Distribution



Red (59%)

Green (56%)

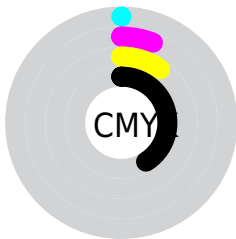
Blue (53%)



Red (59%)

Yellow (57%)

Blue (53%)

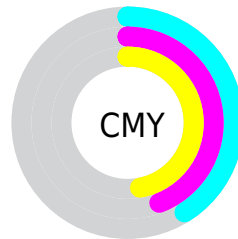


Cyan (0%)

Magenta (6%)

Yellow (10%)

Black (41%)



Cyan (41%)


Magenta (44%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.7029, 0.3286, 0.3386 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 27.7029, 0.3286, 0.3386 by changing the saturation by 10% instead.


 27.7029, 0.3286,
0.3386


 27.7029, 0.3286,
0.3386


291.0445, 0.3199,
0.3334


 18.1018, 0.3310,
0.3400


 56.0098, 0.3253,
0.3366

 11.0231, 0.3344,
0.3420


 75.4843, 0.3241,
0.3359

 6.0824, 0.3391,
0.3447

 99.0188, 0.3231,
0.3353

 2.8952, 0.3466,
0.3490

126.9977, 0.3223,
0.3348

 1.0773, 0.3605,
0.3568

159.8053, 0.3216,
0.3344

 0.0000, 1.0000,
0.0000

197.8261, 0.3209,

 0.0000, 0.0000,

0.3340

0.0000

241.4443, 0.3204,
0.3337

■ 27.7029, 0.3286,
0.3386

■ 27.7029, 0.3286,
0.3386

■ 24.7082, 0.3471,
0.3488

■ 30.9813, 0.3126,
0.3289

■ 21.9858, 0.3685,
0.3594

■ 34.5472, 0.2989,
0.3200

■ 19.5289, 0.3930,
0.3700

■ 38.4089, 0.2871,
0.3117

■ 17.3287, 0.4205,
0.3800

■ 42.5734, 0.2770,
0.3041

■ 15.3763, 0.4505,
0.3885

■ 47.0472, 0.2682,
0.2971

■ 13.6619, 0.4820,
0.3945

■ 51.8368, 0.2606,
0.2908

■ 12.1751, 0.5132,
0.3966

■ 56.9485, 0.2540,
0.2850

■ 10.9043, 0.5419,
0.3940

■ 62.2690, 0.2491,
0.2817

■ 9.8306, 0.5674,
0.3876

■ 67.0219, 0.2508,
0.2927

Harmonies

Analogous

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



27.7029, 0.3279, 0.3321



27.7029, 0.3286, 0.3386



27.7029, 0.3250, 0.3426

Triad

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



27.7029, 0.3286, 0.3386



27.7029, 0.3024, 0.3331



27.7029, 0.3072, 0.3154

Complementary

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



27.7029, 0.3286, 0.3386



27.7393, 0.2978, 0.3192

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.



27.7029, 0.3005, 0.3155



27.7029, 0.3286, 0.3386



27.7029, 0.2978, 0.3256

Square

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



27.7029, 0.3286, 0.3386



27.7029, 0.3099, 0.3395



27.7029, 0.2971, 0.3192



27.7029, 0.3155, 0.3189

Rectangle

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



27.7029, 0.3286, 0.3386



27.7029, 0.3207, 0.3433



27.7029, 0.2971, 0.3192



27.7029, 0.3047, 0.3151

Sweetspot

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



27.7041, 0.3286, 0.3386



53.5737, 0.3174, 0.3319



26.2482, 0.3198, 0.3143



12.0725, 0.3186, 0.3326



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



27.7041, 0.3286, 0.3386



48.3150, 0.3326, 0.3409



29.9444, 0.3274, 0.3500



6.6059, 0.3274, 0.3379



8.4074, 0.5665, 0.3884



0.1938, 0.4973, 0.4434

Inverse Universe

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



27.7393, 0.2978, 0.3192



48.3910, 0.2943, 0.3168



25.5815, 0.2977, 0.3071



6.6137, 0.2989, 0.3199



8.3097, 0.1878, 0.1962



0.1951, 0.2055, 0.2596

Previews

White Background



This preview shows how the Yxy color 27.7029, 0.3286, 0.3386 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 27.7029, 0.3286, 0.3386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

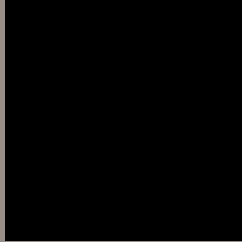
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

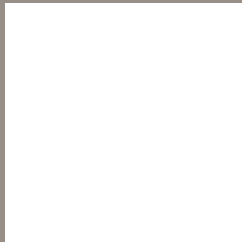
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 27.7029, 0.3286, 0.3386

Background



This preview shows how black text looks on a background with the Yxy color 27.7029, 0.3286, 0.3386.



This preview shows how white text looks on a background with the Yxy color 27.7029, 0.3286, 0.3386.

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

27.7029, 0.3286, 0.3386

Protanopia

27.7470, 0.3241, 0.3387

Deuteranopia

27.7450, 0.3382, 0.3322



Tritanopia

27.7628, 0.3157, 0.3119

Trichromacy



Original Color

27.7029, 0.3286, 0.3386

Protanomaly

27.8406, 0.3252, 0.3387

Deuteranomaly

27.7304, 0.3346, 0.3338

Tritanomaly

27.8005, 0.3196, 0.3212

Monochromacy



Original Color

27.7029, 0.3286, 0.3386

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.7711, 0.3190, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.7029, 0.3286, 0.3386 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(151, 142, 136)` looks like.

```
.text, #text, p{  
    color:rgb(151, 142, 136)  
}
```

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(151, 142, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 142, 136) }
```

Border

The CSS property to change the border of an element to Yxy 27.7029, 0.3286, 0.3386 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(151, 142, 136) }
```

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

```
.border{ border-color:rgb(151, 142, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 142, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 142, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 142, 136);  
box-shadow:4px 4px 4px 4px rgb(151, 142,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 27.7029, 0.3286, 0.3386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 142, 136) }
```

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

```
.background{ background-color: rgb(151,  
142, 136) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor