

Converting Colors

$Y_{xy}(27.8256, 0.3285, 0.3500)$

Have a look what the booklet for
Yxy(27.8256, 0.3285, 0.3500)
contains.

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Color

Yxy(27.7883, 0.3289, 0.3502)

Conversions

Conversions Part 1

Format	Color
Hex	939083
RGB	147, 144, 131
RGB Percent	58%, 56%, 51%
CMY	0.4237, 0.4352, 0.4862
CMYK	0.00, 0.02, 0.11, 0.42
HSL	49°, 7%, 55%
HSV	49°, 11%, 58%
XYZ	26.0981, 27.7883, 25.4634
YIQ	143.4150, 5.9610, -3.4070

Conversions

Conversions Part 2

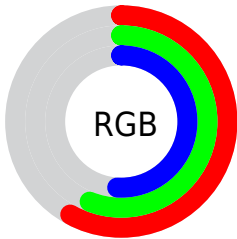
Format	Color
R_{YB}	135, 147, 131
Decimal	9670787
CIE _{Lab}	59.70, -1.30, 7.29
CIE _{LCh}	60, 7.406, 100.088
Yxy	27.7883, 0.3289, 0.3502
Android (android.graphics.Color)	4287860867 (0xFF939083)
YUV	143.4150, -6.1206, 3.1440
Hunter-Lab	52.7146, -3.8781, 8.2607

Details

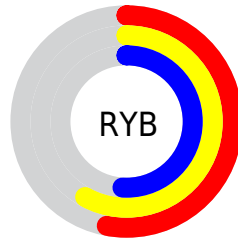
The Yxy color **27.7883, 0.3289, 0.3502** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.9699, 0.2963, 0.3069**, and the grayscale version is **27.6649, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.2664, 0.3255, 0.3460**, and **11.1014, 0.3335, 0.3578** is the 20% darker color. If you saturate the color by 10%, you get **26.6056, 0.3448, 0.3705**, and if you desaturate by 10%, it is **29.0498, 0.3139, 0.3306**.

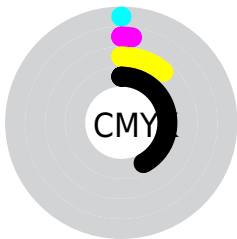
Distribution



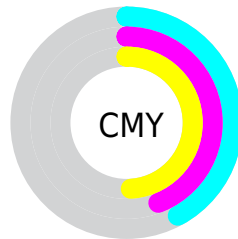
- Red (58%)
- Green (56%)
- Blue (51%)



- Red (53%)
- Yellow (58%)
- Blue (51%)



- Cyan (0%)
- Magenta (2%)
- Yellow (11%)
- Black (42%)



- Cyan (42%)
- Magenta (44%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.7883, 0.3289, 0.3502 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 27.7883, 0.3289, 0.3502 by changing the saturation by 10% instead.

 27.7883, 0.3289,
0.3502


 27.7883, 0.3289,
0.3502


291.4539, 0.3201,
0.3387


 18.1661, 0.3313,
0.3534


 56.1463, 0.3255,
0.3457

 11.0693, 0.3347,
0.3579


 75.6509, 0.3243,
0.3442

 6.1135, 0.3394,
0.3642


 99.2184, 0.3233,
0.3428

 2.9142, 0.3467,
0.3742

127.2333, 0.3225,
0.3417

 1.0871, 0.3635,
0.3962

160.0799, 0.3218,
0.3408

 0.0000, 0.0000,
0.0000

198.1426, 0.3211,

0.3400

241.8058, 0.3206,
0.3393

■ 27.7883, 0.3289,
0.3502

■ 27.7883, 0.3289,
0.3502

■ 26.6056, 0.3448,
0.3705

■ 29.0498, 0.3139,
0.3306

■ 25.4955, 0.3615,
0.3909

■ 30.3888, 0.3001,
0.3121

■ 24.4565, 0.3785,
0.4109

■ 31.8088, 0.2874,
0.2947

■ 23.4859, 0.3954,
0.4297

■ 33.3118, 0.2759,
0.2785

■ 22.5804, 0.4114,
0.4463

■ 34.8999, 0.2655,
0.2637

■ 21.7365, 0.4260,
0.4597

■ 36.5752, 0.2561,
0.2501

■ 20.9505, 0.4384,
0.4693

■ 38.3394, 0.2477,
0.2376

■ 20.2178, 0.4482,
0.4745

■ 40.1944, 0.2401,
0.2263

■ 19.5836, 0.4555,
0.4765

■ 41.5974, 0.2374,
0.2236

Harmonies

Analogous

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



27.7883, 0.3358, 0.3453



27.7883, 0.3289, 0.3502



27.7883, 0.3177, 0.3493

Triad

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



27.7883, 0.3289, 0.3502



27.7883, 0.2896, 0.3211



27.7883, 0.3199, 0.3159

Complementary

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



27.7883, 0.3289, 0.3502



23.9699, 0.2963, 0.3069

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.



27.7883, 0.3074, 0.3096



27.7883, 0.3289, 0.3502



27.7883, 0.2901, 0.3124

Square

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



27.7883, 0.3289, 0.3502



27.7883, 0.2951, 0.3322



27.7883, 0.2965, 0.3083



27.7883, 0.3306, 0.3255

Rectangle

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



27.7883, 0.3289, 0.3502



27.7883, 0.3094, 0.3455



27.7883, 0.2965, 0.3083



27.7883, 0.3157, 0.3133

Sweetspot

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



27.7895, 0.3289, 0.3502



51.5423, 0.3172, 0.3349



24.1613, 0.3278, 0.3238



11.7259, 0.3183, 0.3364



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



27.7895, 0.3289, 0.3502



49.2702, 0.3327, 0.3550



28.2617, 0.3232, 0.3553



6.5643, 0.3264, 0.3469



17.0200, 0.4552, 0.4767



0.2463, 0.4356, 0.4923

Inverse Universe

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



23.9699, 0.2963, 0.3069



41.0412, 0.2924, 0.3016



23.5573, 0.3015, 0.3022



5.7962, 0.2989, 0.3104



2.5412, 0.1557, 0.0804



0.0633, 0.1732, 0.1436

Previews

White Background



This preview shows how the Yxy color 27.7883, 0.3289, 0.3502 looks on a white background.

Color Contrast Check

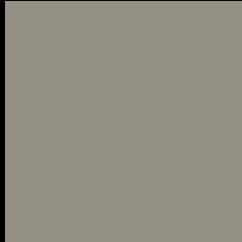
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.7883, 0.3289, 0.3502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

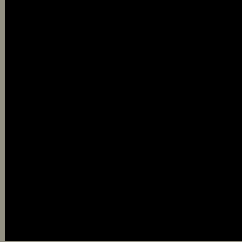
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

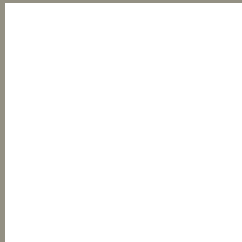
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 27.7883, 0.3289, 0.3502

Background



This preview shows how black text looks on a background with the Yxy color 27.7883, 0.3289, 0.3502.



This preview shows how white text looks on a background with the Yxy color 27.7883, 0.3289, 0.3502.

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

27.7883, 0.3289, 0.3502

Protanopia

27.6732, 0.3313, 0.3485

Deuteranopia

27.8126, 0.3459, 0.3399



Tritanopia

27.8008, 0.3114, 0.3117

Trichromacy



Original Color

27.7883, 0.3289, 0.3502

Protanomaly

27.5795, 0.3302, 0.3485

Deuteranomaly

27.8838, 0.3397, 0.3432

Tritanomaly

27.7492, 0.3182, 0.3258

Monochromacy



Original Color

27.7883, 0.3289, 0.3502

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.4383, 0.3178, 0.3355

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.7883, 0.3289, 0.3502 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(147, 144, 131)` looks like.

```
.text, #text, p{  
    color:rgb(147, 144, 131)  
}
```

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(147, 144, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 144, 131) }
```

Border

The CSS property to change the border of an element to Yxy 27.7883, 0.3289, 0.3502 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(147, 144, 131) }
```

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

```
.border{ border-color:rgb(147, 144, 131) }
```

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

Here you see how a box with a 4 pixel rgb(147, 144, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 144, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 144, 131);  
box-shadow:4px 4px 4px 4px rgb(147, 144,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 27.7883, 0.3289, 0.3502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 144, 131) }
```

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

```
.background{ background-color: rgb(147,  
144, 131) }
```

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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