

Converting Colors

$Y_{xy}(27.7871, 0.3280, 0.3518)$

Have a look what the booklet for
Yxy(27.7871, 0.3280, 0.3518)
contains.

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Color

Yxy(27.6692, 0.3289, 0.3519)

Conversions

Conversions Part 1

Format	Color
Hex	929082
RGB	146, 144, 130
RGB Percent	57%, 56%, 51%
CMY	0.4273, 0.4353, 0.4902
CMYK	0.00, 0.01, 0.11, 0.43
HSL	52°, 7%, 54%
HSV	52°, 11%, 57%
XYZ	25.8608, 27.6692, 25.0981
YIQ	143.0020, 5.6860, -3.9300

Conversions

Conversions Part 2

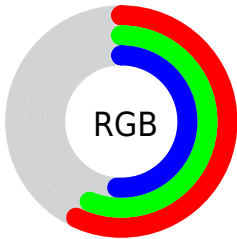
Format	Color
R_{YB}	132, 146, 130
Decimal	9605250
CIE _{Lab}	59.59, -1.82, 7.70
CIE _{LCh}	60, 7.909, 103.295
Yxy	27.6692, 0.3289, 0.3519
Android (android.graphics.Color)	4287795330 (0xFF929082)
YUV	143.0020, -6.4100, 2.6292
Hunter-Lab	52.6015, -4.2958, 8.5317

Details

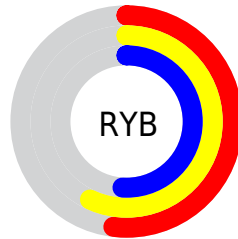
The Yxy color $27.6692, 0.3289, 0.3519$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $23.3363, 0.2961, 0.3050$, and the grayscale version is $27.4956, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.0864, 0.3254, 0.3473$, and $11.0324, 0.3334, 0.3604$ is the 20% darker color. If you saturate the color by 10%, you get $26.7481, 0.3445, 0.3735$, and if you desaturate by 10%, it is $28.6576, 0.3141, 0.3310$.

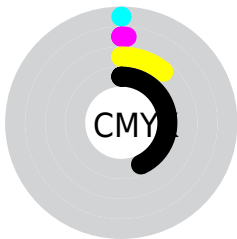
Distribution



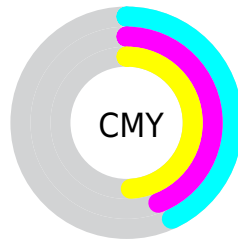
- Red (57%)
- Green (56%)
- Blue (51%)



- Red (52%)
- Yellow (57%)
- Blue (51%)



- Cyan (0%)
- Magenta (1%)
- Yellow (11%)
- Black (43%)





- Cyan (43%)
- Magenta (44%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.6692, 0.3289, 0.3519 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 27.6692, 0.3289, 0.3519 by changing the saturation by 10% instead.


 27.6692, 0.3289,
0.3519


 27.6692, 0.3289,
0.3519


290.8828, 0.3201,
0.3394


 18.0764, 0.3313,
0.3554


 55.9559, 0.3255,
0.3471

 11.0049, 0.3347,
0.3602


 75.4186, 0.3243,
0.3454

 6.0701, 0.3394,
0.3672

 98.9401, 0.3233,
0.3439

 2.8878, 0.3467,
0.3780

126.9047, 0.3225,
0.3427

 1.0734, 0.3647,
0.4033

159.6969, 0.3218,
0.3417

 0.0000, 0.0000,
0.0000

197.7011, 0.3211,

0.3408

241.3016, 0.3206,
0.3401

■ 27.6692, 0.3289,
0.3519

■ 27.6692, 0.3289,
0.3519

■ 26.7481, 0.3445,
0.3735

■ 28.6576, 0.3141,
0.3310

■ 25.8883, 0.3605,
0.3951

■ 29.7120, 0.3003,
0.3111

■ 25.0885, 0.3765,
0.4162

■ 30.8356, 0.2875,
0.2924

■ 24.3460, 0.3921,
0.4359

■ 32.0305, 0.2758,
0.2751

■ 23.6577, 0.4066,
0.4532

■ 33.2986, 0.2652,
0.2591

■ 23.0203, 0.4193,
0.4674

■ 34.6417, 0.2555,
0.2445

■ 22.4302, 0.4298,
0.4776

■ 36.0617, 0.2468,
0.2311

■ 21.8828, 0.4376,
0.4836

■ 37.5602, 0.2390,
0.2190

■ 21.4150, 0.4431,
0.4864

■ 38.7176, 0.2352,
0.2137

Harmonies

Analogous

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



27.6692, 0.3369, 0.3472



27.6692, 0.3289, 0.3519



27.6692, 0.3166, 0.3503

Triad

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



27.6692, 0.3289, 0.3519



27.6692, 0.2877, 0.3193



27.6692, 0.3217, 0.3159

Complementary

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



27.6692, 0.3289, 0.3519



23.3363, 0.2961, 0.3050

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.



27.6692, 0.3084, 0.3088



27.6692, 0.3289, 0.3519



27.6692, 0.2890, 0.3105

Square

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



27.6692, 0.3289, 0.3519



27.6692, 0.2930, 0.3312



27.6692, 0.2965, 0.3068



27.6692, 0.3328, 0.3264

Rectangle

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



27.6692, 0.3289, 0.3519



27.6692, 0.3077, 0.3458



27.6692, 0.2965, 0.3068



27.6692, 0.3174, 0.3131

Sweetspot

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



27.6704, 0.3289, 0.3519



50.1592, 0.3171, 0.3353



23.7502, 0.3292, 0.3255



11.1286, 0.3182, 0.3368



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



27.6704, 0.3289, 0.3519



48.4091, 0.3324, 0.3568



27.7680, 0.3222, 0.3556



6.6202, 0.3262, 0.3482



18.8590, 0.4430, 0.4865



0.2591, 0.4300, 0.4967

Inverse Universe

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



23.3363, 0.2961, 0.3050



39.3141, 0.2924, 0.2996



23.2671, 0.3025, 0.3020



5.7448, 0.2989, 0.3091



2.2429, 0.1534, 0.0720



0.0505, 0.1668, 0.1204

Previews

White Background



This preview shows how the Yxy color 27.6692, 0.3289, 0.3519 looks on a white background.

Color Contrast Check

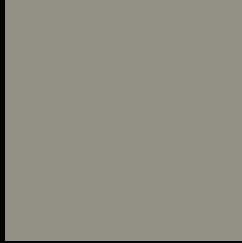
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.6692, 0.3289, 0.3519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

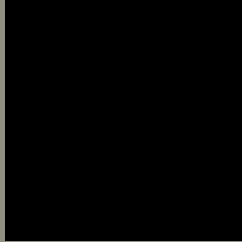
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.6692, 0.3289, 0.3519

Background



This preview shows how black text looks on a background with the Yxy color 27.6692, 0.3289, 0.3519.



This preview shows how white text looks on a background with the Yxy color 27.6692, 0.3289, 0.3519.

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

27.6692, 0.3289, 0.3519

Protanopia

27.6195, 0.3334, 0.3518

Deuteranopia

27.4970, 0.3472, 0.3400



Tritanopia

27.7063, 0.3103, 0.3117

Trichromacy



Original Color

27.6692, 0.3289, 0.3519

Protanomaly

27.5258, 0.3323, 0.3518

Deuteranomaly

27.4628, 0.3399, 0.3433

Tritanomaly

27.6555, 0.3172, 0.3258

Monochromacy



Original Color

27.6692, 0.3289, 0.3519

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.4092, 0.3188, 0.3372

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.6692, 0.3289, 0.3519 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(146, 144, 130)` looks like.

```
.text, #text, p{  
    color:rgb(146, 144, 130)  
}
```

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(146, 144, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 144, 130) }
```

Border

The CSS property to change the border of an element to Yxy 27.6692, 0.3289, 0.3519 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(146, 144, 130) }
```

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

```
.border{ border-color:rgb(146, 144, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 144, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 144, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 144, 130);  
box-shadow:4px 4px 4px 4px rgb(146, 144,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 27.6692, 0.3289, 0.3519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 144, 130) }
```

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

```
.background{ background-color: rgb(146,  
144, 130) }
```

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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