

Converting Colors

$Yxy(27.7116, 0.2919, 0.3509)$

Have a look what the booklet for
Yxy(27.7116, 0.2919, 0.3509)
contains.

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Color

Yxy(27.8197, 0.2922, 0.3515)

Conversions

Conversions Part 1

Format	Color
Hex	76978A
RGB	118, 151, 138
RGB Percent	46%, 59%, 54%
CMY	0.5372, 0.4078, 0.4588
CMYK	0.22, 0.00, 0.09, 0.41
HSL	156°, 14%, 53%
HSV	156°, 22%, 59%
XYZ	23.1264, 27.8197, 28.1996
YIQ	139.6510, -15.4950, -11.0390

Conversions

Conversions Part 2

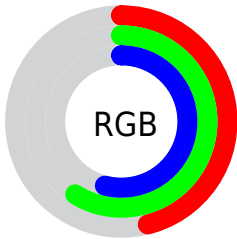
Format	Color
R_{YB}	118, 139, 151
Decimal	7772042
CIE _{Lab}	59.73, -14.26, 3.08
CIE _{LCh}	60, 14.584, 167.821
Yxy	27.8197, 0.2922, 0.3515
Android (android.graphics.Color)	4285962122 (0xFF76978A)
YUV	139.6510, -0.8139, -18.9879
Hunter-Lab	52.7444, -14.0374, 5.2219

Details

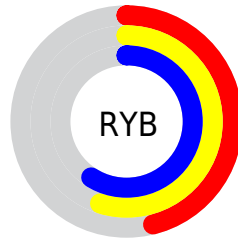
The Yxy color $27.8197, 0.2922, 0.3515$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $21.1764, 0.3390, 0.3076$, and the grayscale version is $26.0920, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.0822, 0.2970, 0.3468$, and $11.0841, 0.2851, 0.3603$ is the 20% darker color. If you saturate the color by 10%, you get $26.6793, 0.2836, 0.3635$, and if you desaturate by 10%, it is $29.1410, 0.3014, 0.3406$.

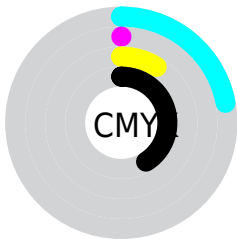
Distribution



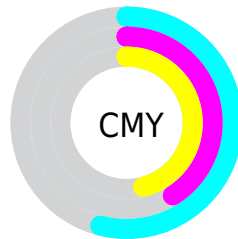
- Red (46%)
- Green (59%)
- Blue (54%)



- Red (46%)
- Yellow (55%)
- Blue (59%)



- Cyan (22%)
- Magenta (0%)
- Yellow (9%)
- Black (41%)



- Cyan (54%)
- Magenta (41%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.8197, 0.2922, 0.3515 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 27.8197, 0.2922, 0.3515 by changing the saturation by 10% instead.

■ 27.8197, 0.2922,
0.3515

■ 27.8197, 0.2922,
0.3515

291.6044, 0.3034,
0.3391

■ 18.1898, 0.2890,
0.3550

■ 56.1965, 0.2965,
0.3467

■ 11.0863, 0.2847,
0.3599

■ 75.7121, 0.2981,
0.3450

■ 6.1249, 0.2784,
0.3670

■ 99.2918, 0.2994,
0.3436

■ 2.9212, 0.2686,
0.3782

127.3199, 0.3004,
0.3424

■ 1.0907, 0.2480,
0.4005

160.1808, 0.3013,
0.3414

■ 0.0000, 0.0000,
0.0000

198.2589, 0.3021,

0.3405

241.9386, 0.3028,
0.3398

■ 27.8197, 0.2922,
0.3515

■ 27.8197, 0.2922,
0.3515

■ 26.6793, 0.2836,
0.3635

■ 29.1410, 0.3014,
0.3406

■ 25.7083, 0.2759,
0.3764

■ 30.6475, 0.3109,
0.3307

■ 24.8989, 0.2694,
0.3902

■ 32.3476, 0.3206,
0.3219

■ 24.2415, 0.2644,
0.4046

■ 34.2479, 0.3303,
0.3140

■ 23.7254, 0.2610,
0.4195

■ 36.3550, 0.3398,
0.3071

■ 23.3383, 0.2596,
0.4345

■ 38.6751, 0.3491,
0.3009

■ 23.0658, 0.2601,
0.4494

■ 41.2140, 0.3580,
0.2956

■ 22.8985, 0.2615,
0.4613

■ 43.9776, 0.3666,
0.2909

■ 46.9711, 0.3747,
0.2868

Harmonies

Analogous

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



27.8197, 0.3158, 0.3675



27.8197, 0.2922, 0.3515



27.8197, 0.2746, 0.3291

Triad

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



27.8197, 0.2922, 0.3515



27.8197, 0.2858, 0.2886



27.8197, 0.3608, 0.3474

Complementary

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



27.8197, 0.2922, 0.3515



21.1764, 0.3390, 0.3076

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.



27.8197, 0.3522, 0.3270



27.8197, 0.2922, 0.3515



27.8197, 0.3082, 0.2941

Square

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



27.8197, 0.2922, 0.3515



27.8197, 0.2709, 0.2933



27.8197, 0.3327, 0.3079



27.8197, 0.3558, 0.3640

Rectangle

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



27.8197, 0.2922, 0.3515



27.8197, 0.2682, 0.3143



27.8197, 0.3327, 0.3079



27.8197, 0.3594, 0.3407

Sweetspot

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



27.8209, 0.2922, 0.3515



53.4158, 0.3059, 0.3358



28.2833, 0.3234, 0.3855



12.1089, 0.3054, 0.3363



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.



27.8209, 0.2922, 0.3515



48.8295, 0.2881, 0.3570



27.1727, 0.2808, 0.3233



6.9853, 0.3039, 0.3379



19.4858, 0.2612, 0.4604



0.2984, 0.2437, 0.3971

Inverse Universe

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



21.1764, 0.3390, 0.3076



34.8561, 0.3462, 0.3028



21.6368, 0.3543, 0.3346



6.2609, 0.3225, 0.3203



5.8751, 0.5350, 0.2721



0.0947, 0.4345, 0.2167

Previews

White Background



This preview shows how the Yxy color 27.8197, 0.2922, 0.3515 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 27.8197, 0.2922, 0.3515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

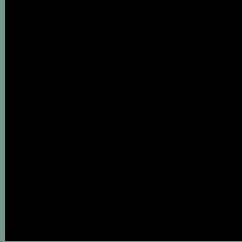
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.8197, 0.2922, 0.3515

Background



This preview shows how black text looks on a background with the Yxy color 27.8197, 0.2922, 0.3515.



This preview shows how white text looks on a background with the Yxy color 27.8197, 0.2922, 0.3515.

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

27.8197, 0.2922, 0.3515

Protanopia

27.6621, 0.3272, 0.3436

Deuteranopia

27.6574, 0.3316, 0.3259



Tritanopia

27.8554, 0.2769, 0.3090

Trichromacy



Original Color

27.8197, 0.2922, 0.3515

Protanomaly

27.6254, 0.3139, 0.3473

Deuteranomaly

27.3780, 0.3157, 0.3339

Tritanomaly

27.8268, 0.2828, 0.3239

Monochromacy



Original Color

27.8197, 0.2922, 0.3515

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.7161, 0.3050, 0.3374

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.8197, 0.2922, 0.3515 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(118, 151, 138)` looks like.

```
.text, #text, p{  
    color:rgb(118, 151, 138)  
}
```

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(118, 151, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 151, 138) }
```

Border

The CSS property to change the border of an element to Yxy 27.8197, 0.2922, 0.3515 is called "border". The border property can be set on classes, ids or directly on the HTML element.

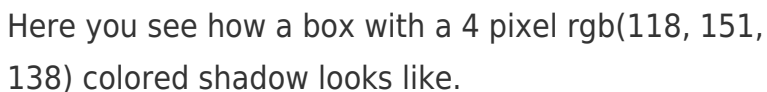
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(118, 151, 138) }
```

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

```
.border{ border-color:rgb(118, 151, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(118, 151, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(118, 151, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(118, 151, 138); box-shadow:4px 4px 4px 4px rgb(118, 151, 138) }
```


Background

The CSS property to change the background color of an element to Yxy 27.8197, 0.2922, 0.3515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 151, 138) }
```

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

```
.background{ background-color: rgb(118,  
151, 138) }
```

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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