

Converting Colors

$Yxy(26.8037, 0.2911, 0.3397)$

Have a look what the booklet for
Yxy(26.8037, 0.2911, 0.3397)
contains.

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Color

Yxy(26.7836, 0.2912, 0.3393)

Conversions

Conversions Part 1

Format	Color
Hex	78938D
RGB	120, 147, 141
RGB Percent	47%, 58%, 55%
CMY	0.5295, 0.4235, 0.4470
CMYK	0.18, 0.00, 0.04, 0.42
HSL	167°, 11%, 52%
HSV	167°, 18%, 58%
XYZ	22.9867, 26.7836, 29.1675
YIQ	138.2430, -14.1660, -7.5900

Conversions

Conversions Part 2

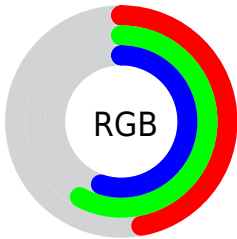
Format	Color
R_{YB}	120, 135, 147
Decimal	7902093
CIE _{Lab}	58.77, -10.78, -0.01
CIE _{LCh}	59, 10.782, 180.037
Yxy	26.7836, 0.2912, 0.3393
Android (android.graphics.Color)	4286092173 (0xFF78938D)
YUV	138.2430, 1.3592, -15.9991
Hunter-Lab	51.7529, -11.2845, 2.8116

Details

The Yxy color $26.7836, 0.2912, 0.3393$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $21.1375, 0.3397, 0.3190$, and the grayscale version is $25.5118, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.5977, 0.2957, 0.3366$, and $10.4607, 0.2834, 0.3420$ is the 20% darker color. If you saturate the color by 10%, you get $25.7178, 0.2804, 0.3456$, and if you desaturate by 10%, it is $28.0158, 0.3027, 0.3335$.

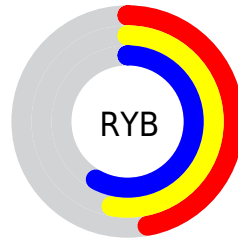
Distribution



Red (47%)

Green (58%)

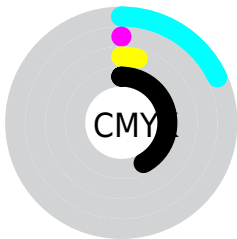
Blue (55%)



Red (47%)

Yellow (53%)

Blue (58%)

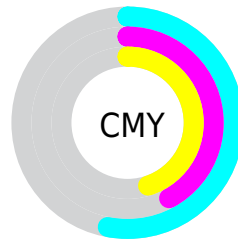


Cyan (18%)

Magenta (0%)

Yellow (4%)

Black (42%)



Cyan (53%)

Magenta (42%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.7836, 0.2912, 0.3393 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 26.7836, 0.2912, 0.3393 by changing the saturation by 10% instead.

■ 26.7836, 0.2912,
0.3393

■ 26.7836, 0.2912,
0.3393

286.6078, 0.3029,
0.3337

■ 17.4108, 0.2879,
0.3409

■ 54.5364, 0.2957,
0.3371

■ 10.5278, 0.2834,
0.3430

■ 73.6852, 0.2973,
0.3364

■ 5.7503, 0.2769,
0.3461

■ 96.8614, 0.2987,
0.3357

■ 2.6938, 0.2667,
0.3510

124.4494, 0.2998,
0.3352

■ 0.9741, 0.2449,
0.3614

156.8337, 0.3008,
0.3347

■ 0.0000, 0.0000,
0.0000

194.3986, 0.3016,

0.3343

237.5285, 0.3023,
0.3340

■ 26.7836, 0.2912,
0.3393

■ 26.7836, 0.2912,
0.3393

■ 25.7178, 0.2804,
0.3456

■ 28.0158, 0.3027,
0.3335

■ 24.8078, 0.2706,
0.3525

■ 29.4180, 0.3147,
0.3282

■ 24.0467, 0.2621,
0.3597

■ 30.9978, 0.3269,
0.3234

■ 23.4258, 0.2550,
0.3673

■ 32.7613, 0.3391,
0.3192

■ 22.9358, 0.2497,
0.3751

■ 34.7145, 0.3513,
0.3154

■ 22.5657, 0.2462,
0.3830

■ 36.8628, 0.3631,
0.3121

■ 22.3032, 0.2446,
0.3910

■ 39.2117, 0.3747,
0.3092

■ 22.1224, 0.2445,
0.3989

■ 41.7663, 0.3858,
0.3067

■ 22.0950, 0.2445,
0.4002

■ 44.5316, 0.3964,
0.3046

Harmonies

Analogous

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



26.7836, 0.3077, 0.3536



26.7836, 0.2912, 0.3393



26.7836, 0.2806, 0.3224

Triad

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



26.7836, 0.2912, 0.3393



26.7836, 0.2989, 0.2992



26.7836, 0.3483, 0.3487

Complementary

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



26.7836, 0.2912, 0.3393



21.1375, 0.3397, 0.3190

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.



26.7836, 0.3459, 0.3341



26.7836, 0.2912, 0.3393



26.7836, 0.3170, 0.3061

Square

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



26.7836, 0.2912, 0.3393



26.7836, 0.2849, 0.2998



26.7836, 0.3343, 0.3187



26.7836, 0.3409, 0.3586

Rectangle

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



26.7836, 0.2912, 0.3393



26.7836, 0.2781, 0.3123



26.7836, 0.3343, 0.3187



26.7836, 0.3487, 0.3442

Sweetspot

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



26.7847, 0.2912, 0.3393



50.7087, 0.3054, 0.3322



26.6822, 0.3170, 0.3764



11.5440, 0.3047, 0.3325



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.



26.7847, 0.2912, 0.3393



47.1518, 0.2867, 0.3418



24.7960, 0.2853, 0.3164



6.5405, 0.3017, 0.3339



19.1575, 0.2444, 0.3997



0.2388, 0.2340, 0.3623

Inverse Universe

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



21.1375, 0.3397, 0.3190



35.1444, 0.3472, 0.3166



22.7865, 0.3450, 0.3413



5.8352, 0.3250, 0.3241



5.4738, 0.5962, 0.3058



0.0708, 0.4968, 0.2510

Previews

White Background



This preview shows how the Yxy color 26.7836, 0.2912, 0.3393 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 26.7836, 0.2912, 0.3393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

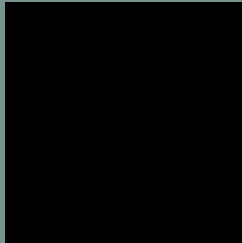
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.7836, 0.2912, 0.3393

Background



This preview shows how black text looks on a background with the Yxy color 26.7836, 0.2912, 0.3393.



This preview shows how white text looks on a background with the Yxy color 26.7836, 0.2912, 0.3393.

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

26.7836, 0.2912, 0.3393

Protanopia

26.4916, 0.3201, 0.3339

Deuteranopia

26.7445, 0.3254, 0.3196



Tritanopia

26.8621, 0.2808, 0.3105

Trichromacy



Original Color

26.7836, 0.2912, 0.3393

Protanomaly

26.6308, 0.3091, 0.3374

Deuteranomaly

26.7535, 0.3128, 0.3274

Tritanomaly

26.9297, 0.2843, 0.3204

Monochromacy



Original Color

26.7836, 0.2912, 0.3393

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

25.7391, 0.3041, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7836, 0.2912, 0.3393 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(120, 147, 141)` looks like.

```
.text, #text, p{  
    color:rgb(120, 147, 141)  
}
```

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(120, 147, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 147, 141) }
```

Border

The CSS property to change the border of an element to Yxy 26.7836, 0.2912, 0.3393 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(120, 147, 141) }
```

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

```
.border{ border-color:rgb(120, 147, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 147, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 147, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 147, 141);  
box-shadow:4px 4px 4px 4px rgb(120, 147,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7836, 0.2912, 0.3393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 147, 141) }
```

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

```
.background{ background-color: rgb(120,  
147, 141) }
```

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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