

Converting Colors

$Y_{xy}(27.1506, 0.2732, 0.3040)$

Have a look what the booklet for
Yxy(27.1506, 0.2732, 0.3040)
contains.

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Color

$\text{Yxy}(27.0529, 0.2732, 0.3039)$

Conversions

Conversions Part 1

Format	Color
Hex	7792A1
RGB	119, 146, 161
RGB Percent	47%, 57%, 63%
CMY	0.5332, 0.4274, 0.3687
CMYK	0.26, 0.09, 0.00, 0.37
HSL	201°, 18%, 55%
HSV	201°, 26%, 63%
XYZ	24.3200, 27.0529, 37.6462
YIQ	139.6370, -20.9070, -1.0590

Conversions

Conversions Part 2

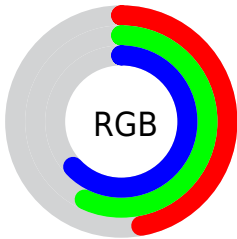
Format	Color
RYB	119, 135, 161
Decimal	7836321
CIELab	59.02, -5.95, -11.02
CIELCh	59, 12.525, 241.647
Yxy	27.0529, 0.2732, 0.3039
Android (android.graphics.Color)	4286026401 (0xFF7792A1)
YUV	139.6370, 10.5320, -18.0986
Hunter-Lab	52.0124, -7.5585, -6.5050

Details

The Yxy color **27.0529, 0.2732, 0.3039** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.9565, 0.3608, 0.3528**, and the grayscale version is **26.0435, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.0371, 0.2812, 0.3091**, and **10.7351, 0.2598, 0.2967** is the 20% darker color. If you saturate the color by 10%, you get **24.2823, 0.2583, 0.2926**, and if you desaturate by 10%, it is **30.1076, 0.2884, 0.3143**.

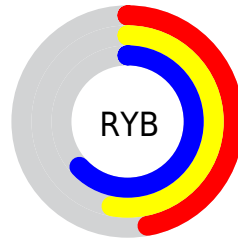
Distribution



Red (47%)

Green (57%)

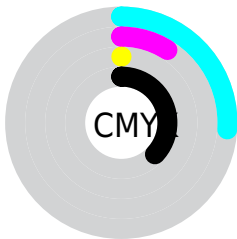
Blue (63%)



Red (47%)

Yellow (53%)

Blue (63%)

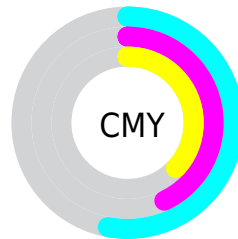


Cyan (26%)

Magenta (9%)

Yellow (0%)

Black (37%)



Cyan (53%)

Magenta (43%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.0529, 0.2732, 0.3039 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 27.0529, 0.2732, 0.3039 by changing the saturation by 10% instead.

■ 27.0529, 0.2732,
0.3039

■ 27.0529, 0.2732,
0.3039

287.9132, 0.2945,
0.3177

■ 17.6130, 0.2673,
0.3000

■ 54.9687, 0.2813,
0.3093

■ 10.6725, 0.2594,
0.2946

■ 74.2134, 0.2843,
0.3112

■ 5.8471, 0.2482,
0.2868

■ 97.4952, 0.2867,
0.3128

■ 2.7523, 0.2313,
0.2745

125.1983, 0.2887,
0.3141

■ 1.0038, 0.2025,
0.2528

157.7073, 0.2905,
0.3152

■ 0.0000, 0.0000,
0.0000

195.4065, 0.2920,

0.3162

238.6803, 0.2933,
0.3170

■ 27.0529, 0.2732,
0.3039

■ 27.0529, 0.2732,
0.3039

■ 24.2823, 0.2583,
0.2926

■ 30.1076, 0.2884,
0.3143

■ 21.7816, 0.2440,
0.2806

■ 33.4535, 0.3036,
0.3237

■ 19.5400, 0.2307,
0.2678

■ 37.1014, 0.3186,
0.3322

■ 17.5445, 0.2187,
0.2546

■ 41.0605, 0.3331,
0.3399

■ 15.7807, 0.2084,
0.2411

■ 45.3395, 0.3471,
0.3466

■ 14.2319, 0.2001,
0.2276

■ 49.9467, 0.3604,
0.3526

■ 12.8760, 0.1937,
0.2143

■ 54.8903, 0.3730,
0.3578

■ 12.3759, 0.1914,
0.2090

■ 60.1780, 0.3849,
0.3624

■ 64.0896, 0.3888,
0.3675

Harmonies

Analogous

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



27.0529, 0.2752, 0.3202



27.0529, 0.2732, 0.3039



27.0529, 0.2813, 0.2950

Triad

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



27.0529, 0.2732, 0.3039



27.0529, 0.3387, 0.3180



27.0529, 0.3268, 0.3657

Complementary

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



27.0529, 0.2732, 0.3039



25.9565, 0.3608, 0.3528

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.



27.0529, 0.3445, 0.3637



27.0529, 0.2732, 0.3039



27.0529, 0.3517, 0.3357

Square

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



27.0529, 0.2732, 0.3039



27.0529, 0.3188, 0.3033



27.0529, 0.3538, 0.3524



27.0529, 0.3057, 0.3569

Rectangle

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



27.0529, 0.2732, 0.3039



27.0529, 0.2915, 0.2940



27.0529, 0.3538, 0.3524



27.0529, 0.3333, 0.3662

Sweetspot

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



27.0540, 0.2732, 0.3039



58.6364, 0.3004, 0.3218



31.1177, 0.2971, 0.3753



12.6675, 0.2983, 0.3205



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



27.0540, 0.2732, 0.3039



45.6650, 0.2649, 0.2978



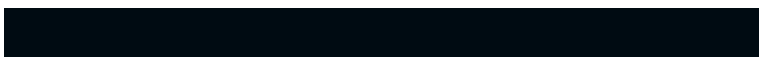
21.2434, 0.2699, 0.2678



7.5838, 0.2987, 0.3208



9.9664, 0.1917, 0.2101



0.2937, 0.2051, 0.2583

Inverse Universe

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



22.8491, 0.3329, 0.2873



37.1446, 0.3384, 0.2781



32.2440, 0.3533, 0.3836



7.1590, 0.3189, 0.3146



6.8502, 0.4340, 0.2164



0.1524, 0.3841, 0.1890

Previews

White Background



This preview shows how the Yxy color 27.0529, 0.2732, 0.3039 looks on a white background.

Color Contrast Check

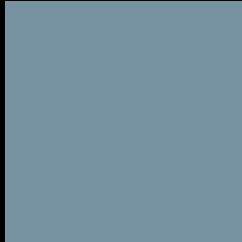
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0529, 0.2732, 0.3039 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

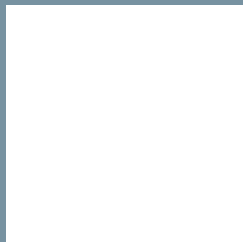
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 27.0529, 0.2732, 0.3039

Background



This preview shows how black text looks on a background with the Yxy color 27.0529, 0.2732, 0.3039.



This preview shows how white text looks on a background with the Yxy color 27.0529, 0.2732, 0.3039.

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

27.0529, 0.2732, 0.3039

Protanopia

27.0938, 0.2953, 0.3018

Deuteranopia

26.9323, 0.2966, 0.2900



Tritanopia

26.8779, 0.2747, 0.3087

Trichromacy



Original Color

27.0529, 0.2732, 0.3039

Protanomaly

27.0537, 0.2866, 0.3029

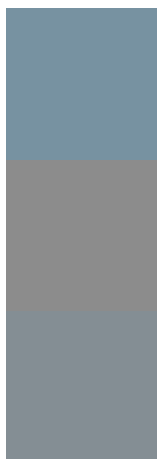
Deuteranomaly

26.8926, 0.2876, 0.2952

Tritanomaly

26.9125, 0.2739, 0.3070

Monochromacy



Original Color

27.0529, 0.2732, 0.3039

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.3897, 0.2965, 0.3189

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.0529, 0.2732, 0.3039 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(119, 146, 161)` looks like.

```
.text, #text, p{  
    color:rgb(119, 146, 161)  
}
```

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(119, 146, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 146, 161) }
```

Border

The CSS property to change the border of an element to Yxy 27.0529, 0.2732, 0.3039 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(119, 146, 161) }
```

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

```
.border{ border-color:rgb(119, 146, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 146, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 146, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 146, 161); box-shadow:4px 4px 4px 4px rgb(119, 146, 161) }
```


Background

The CSS property to change the background color of an element to Yxy 27.0529, 0.2732, 0.3039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 146, 161) }
```

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

```
.background{ background-color: rgb(119,  
146, 161) }
```

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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