

Converting Colors

$Y_{xy}(26.8666, 0.2212, 0.2714)$

Have a look what the booklet for
Yxy(26.8666, 0.2212, 0.2714)
contains.

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Color

Yxy(26.9937, 0.2212, 0.2713)

Conversions

Conversions Part 1

Format	Color
Hex	3D98BA
RGB	61, 152, 186
RGB Percent	24%, 60%, 73%
CMY	0.7612, 0.4039, 0.2707
CMYK	0.67, 0.18, 0.00, 0.27
HSL	196°, 51%, 48%
HSV	196°, 67%, 73%
XYZ	22.0089, 26.9937, 50.4950
YIQ	128.6670, -65.1500, -8.7180

Conversions

Conversions Part 2

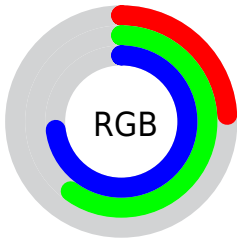
Format	Color
R_{YB}	61, 114, 186
Decimal	4036794
CIE _{Lab}	58.97, -16.10, -25.55
CIE _{LCh}	59, 30.203, 237.779
Yxy	26.9937, 0.2212, 0.2713
Android (android.graphics.Color)	4282226874 (0xFF3D98BA)
YUV	128.6670, 28.2652, -59.3440
Hunter-Lab	51.9555, -15.3076, -21.2546

Details

The Yxy color **26.9937, 0.2212, 0.2713** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **18.9320, 0.4951, 0.3725**, and the grayscale version is **21.7377, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.6910, 0.2391, 0.2835**, and **11.0008, 0.2032, 0.2515** is the 20% darker color. If you saturate the color by 10%, you get **24.8996, 0.2125, 0.2612**, and if you desaturate by 10%, it is **29.3641, 0.2318, 0.2813**.

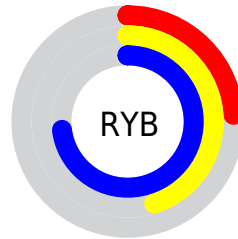
Distribution



Red (24%)

Green (60%)

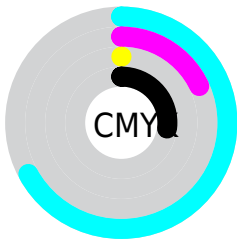
Blue (73%)



Red (24%)

Yellow (45%)

Blue (73%)

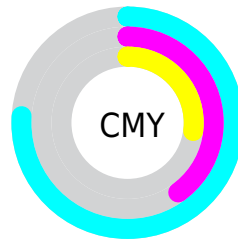


Cyan (67%)

Magenta (18%)

Yellow (0%)

Black (27%)



Cyan (76%)

Magenta (40%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.9937, 0.2212, 0.2713 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 26.9937, 0.2212, 0.2713 by changing the saturation by 10% instead.

■ 26.9937, 0.2212,
0.2713

■ 26.9937, 0.2212,
0.2713

■ 287.6266, 0.2692,
0.3033

■ 17.5685, 0.2087,
0.2623

■ 54.8738, 0.2391,
0.2837

■ 10.6406, 0.1925,
0.2501

■ 74.0974, 0.2456,
0.2881

■ 5.8257, 0.1707,
0.2330

■ 97.3560, 0.2512,
0.2918

■ 2.7394, 0.1405,
0.2075

■ 125.0339, 0.2558,
0.2948

■ 0.9972, 0.0927,
0.1678

■ 157.5155, 0.2599,
0.2974

■ 0.0000, 0.0000,
0.0000

195.1852, 0.2634,

0.2997

238.4275, 0.2664,
0.3016

■ 26.9937, 0.2212,
0.2713

■ 26.9937, 0.2212,
0.2713

■ 24.8996, 0.2125,
0.2612

■ 29.3641, 0.2318,
0.2813

■ 23.0557, 0.2057,
0.2510

■ 32.0277, 0.2439,
0.2909

■ 21.4302, 0.2008,
0.2410

■ 35.0032, 0.2573,
0.3001

■ 21.0068, 0.1995,
0.2382

■ 38.3067, 0.2716,
0.3088

■ 41.9530, 0.2865,
0.3168

■ 45.9558, 0.3017,
0.3241

■ 50.3281, 0.3169,
0.3308

■ 55.0821, 0.3319,
0.3367

■ 60.2293, 0.3465,
0.3420

Harmonies

Analogous

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



26.9937, 0.2280, 0.3107



26.9937, 0.2212, 0.2713



26.9937, 0.2360, 0.2510

Triad

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



26.9937, 0.2212, 0.2713



26.9937, 0.3696, 0.2975



26.9937, 0.3501, 0.4210

Complementary

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



26.9937, 0.2212, 0.2713



18.9320, 0.4951, 0.3725

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.



26.9937, 0.3920, 0.4080



26.9937, 0.2212, 0.2713



26.9937, 0.4052, 0.3359

Square

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



26.9937, 0.2212, 0.2713



26.9937, 0.3191, 0.2672



26.9937, 0.4131, 0.3756



26.9937, 0.3002, 0.4044

Rectangle

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



26.9937, 0.2212, 0.2713



26.9937, 0.2570, 0.2485



26.9937, 0.4131, 0.3756



26.9937, 0.3656, 0.4196

Sweetspot

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



26.9947, 0.2212, 0.2713



73.9592, 0.2819, 0.3144



36.9122, 0.2865, 0.4918



15.8738, 0.2776, 0.3121



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



26.9947, 0.2212, 0.2713



43.3882, 0.2088, 0.2560



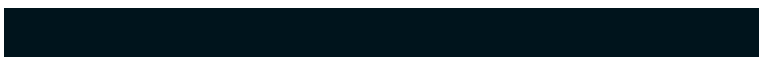
11.8590, 0.1944, 0.1597



9.7870, 0.2985, 0.3226



14.2649, 0.1999, 0.2396



0.5998, 0.2070, 0.2653

Inverse Universe

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



16.0305, 0.3679, 0.2139



24.5503, 0.3847, 0.2015



34.8176, 0.4283, 0.4504



9.1200, 0.3178, 0.3125



8.2224, 0.4028, 0.1992



0.2996, 0.3773, 0.1852

Previews

White Background



This preview shows how the Yxy color 26.9937, 0.2212, 0.2713 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 26.9937, 0.2212, 0.2713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

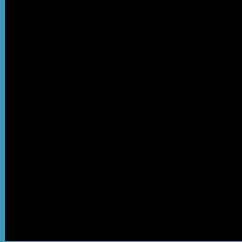
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

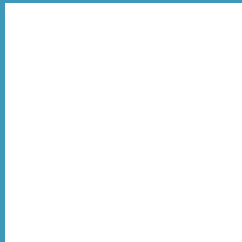
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.9937, 0.2212, 0.2713

Background



This preview shows how black text looks on a background with the Yxy color 26.9937, 0.2212, 0.2713.

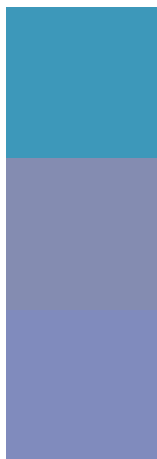


This preview shows how white text looks on a background with the Yxy color 26.9937, 0.2212, 0.2713.

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

26.9937, 0.2212, 0.2713

Protanopia

26.8360, 0.2709, 0.2710

Deuteranopia

26.7286, 0.2580, 0.2524



Tritanopia

26.9480, 0.2278, 0.3054

Trichromacy



Original Color

26.9937, 0.2212, 0.2713

Protanomaly

26.3060, 0.2479, 0.2700

Deuteranomaly

26.5204, 0.2412, 0.2583

Tritanomaly

26.9906, 0.2251, 0.2919

Monochromacy



Original Color

26.9937, 0.2212, 0.2713

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

23.0364, 0.2672, 0.3054

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9937, 0.2212, 0.2713 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(61, 152, 186)` looks like.

```
.text, #text, p{  
    color:rgb(61, 152, 186)  
}
```

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(61, 152, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 152, 186) }
```

Border

The CSS property to change the border of an element to Yxy 26.9937, 0.2212, 0.2713 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(61, 152, 186) }
```

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

```
.border{ border-color:rgb(61, 152, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 152, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 152, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 152, 186);  
box-shadow:4px 4px 4px 4px rgb(61, 152,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9937, 0.2212, 0.2713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 152, 186) }
```

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

```
.background{ background-color: rgb(61, 152,  
186) }
```

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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