

Converting Colors

$Yxy(26.7897, 0.2280, 0.2753)$

Have a look what the booklet for
Yxy(26.7897, 0.2280, 0.2753)
contains.

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Color

Yxy(26.9271, 0.2284, 0.2763)

Conversions

Conversions Part 1

Format	Color
Hex	4997B6
RGB	73, 151, 182
RGB Percent	29%, 59%, 71%
CMY	0.7135, 0.4078, 0.2863
CMYK	0.60, 0.17, 0.00, 0.29
HSL	197°, 43%, 50%
HSV	197°, 60%, 71%
XYZ	22.2590, 26.9271, 48.2700
YIQ	131.2120, -56.4390, -6.8950

Conversions

Conversions Part 2

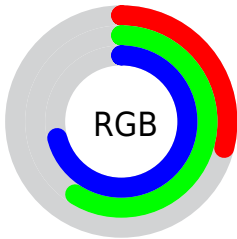
Format	Color
R _Y B	73, 118, 182
Decimal	4822966
CIE Lab	58.91, -14.68, -23.35
CIE LCh	59, 27.581, 237.844
Yxy	26.9271, 0.2284, 0.2763
Android (android.graphics.Color)	4283013046 (0xFF4997B6)
YUV	131.2120, 25.0385, -51.0519
Hunter-Lab	51.8913, -14.2417, -18.8284

Details

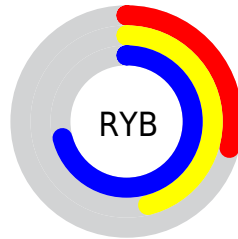
The Yxy color **26.9271, 0.2284, 0.2763** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **20.3329, 0.4654, 0.3719**, and the grayscale version is **22.7055, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.6610, 0.2450, 0.2873**, and **10.6993, 0.2048, 0.2572** is the 20% darker color. If you saturate the color by 10%, you get **24.6879, 0.2181, 0.2658**, and if you desaturate by 10%, it is **29.4494, 0.2403, 0.2865**.

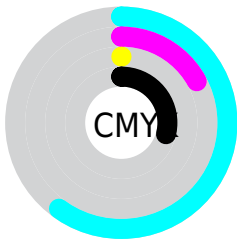
Distribution



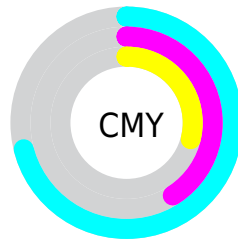
- Red (29%)
- Green (59%)
- Blue (71%)



- Red (29%)
- Yellow (46%)
- Blue (71%)



- Cyan (60%)
- Magenta (17%)
- Yellow (0%)
- Black (29%)



- Cyan (71%)
- Magenta (41%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.9271, 0.2284, 0.2763 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 26.9271, 0.2284, 0.2763 by changing the saturation by 10% instead.

■ 26.9271, 0.2284,
0.2763

■ 26.9271, 0.2284,
0.2763

■ 287.3040, 0.2728,
0.3056

■ 17.5185, 0.2167,
0.2680

■ 54.7669, 0.2450,
0.2877

■ 10.6048, 0.2014,
0.2568

■ 73.9668, 0.2511,
0.2917

■ 5.8018, 0.1807,
0.2409

■ 97.1993, 0.2562,
0.2950

■ 2.7249, 0.1515,
0.2169

■ 124.8487, 0.2606,
0.2978

■ 0.9899, 0.1046,
0.1789

■ 157.2995, 0.2643,
0.3002

■ 0.0000, 0.0000,
0.0000

194.9361, 0.2675,

0.3022

238.1428, 0.2703,
0.3040

■ 26.9271, 0.2284,
0.2763

■ 26.9271, 0.2284,
0.2763

■ 24.6879, 0.2181,
0.2658

■ 29.4494, 0.2403,
0.2865

■ 22.7093, 0.2097,
0.2551

■ 32.2693, 0.2535,
0.2963

■ 20.9691, 0.2032,
0.2445

■ 35.4034, 0.2677,
0.3055

■ 19.4219, 0.1984,
0.2340

■ 38.8661, 0.2826,
0.3141

■ 19.4003, 0.1983,
0.2338

■ 42.6710, 0.2977,
0.3220

■ 46.8305, 0.3129,
0.3291

■ 51.3564, 0.3280,
0.3355

■ 56.2601, 0.3426,
0.3412

■ 61.5522, 0.3568,
0.3463

Harmonies

Analogous

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



26.9271, 0.2347, 0.3126



26.9271, 0.2284, 0.2763



26.9271, 0.2422, 0.2573

Triad

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



26.9271, 0.2284, 0.2763



26.9271, 0.3649, 0.3003



26.9271, 0.3473, 0.4128

Complementary

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



26.9271, 0.2284, 0.2763



20.3329, 0.4654, 0.3719

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.



26.9271, 0.3855, 0.4017



26.9271, 0.2284, 0.2763



26.9271, 0.3972, 0.3359

Square

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



26.9271, 0.2284, 0.2763



26.9271, 0.3188, 0.2720



26.9271, 0.4046, 0.3725



26.9271, 0.3015, 0.3973

Rectangle

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



26.9271, 0.2284, 0.2763



26.9271, 0.2617, 0.2548



26.9271, 0.4046, 0.3725



26.9271, 0.3615, 0.4118

Sweetspot

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



26.9281, 0.2284, 0.2763



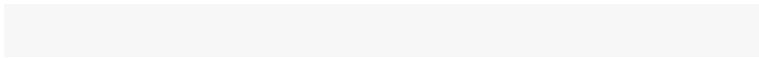
71.5087, 0.2849, 0.3154



35.8649, 0.2865, 0.4678



15.3706, 0.2805, 0.3130



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



26.9281, 0.2284, 0.2763



43.5114, 0.2151, 0.2622



13.2811, 0.2066, 0.1778



9.7672, 0.2985, 0.3223



13.8208, 0.1986, 0.2350



0.5869, 0.2061, 0.2621

Inverse Universe

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



16.9495, 0.3619, 0.2250



25.6300, 0.3773, 0.2098



35.0086, 0.4143, 0.4424



9.1180, 0.3180, 0.3128



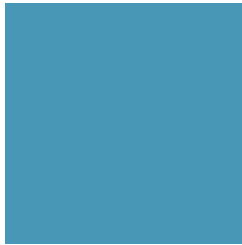
8.1775, 0.4074, 0.2018



0.2983, 0.3804, 0.1869

Previews

White Background



This preview shows how the Yxy color 26.9271, 0.2284, 0.2763 looks on a white background.

Color Contrast Check

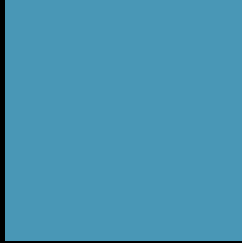
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9271, 0.2284, 0.2763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

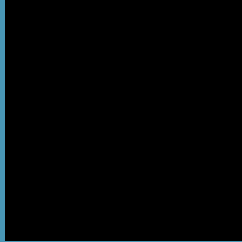
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.9271, 0.2284, 0.2763

Background



This preview shows how black text looks on a background with the Yxy color 26.9271, 0.2284, 0.2763.

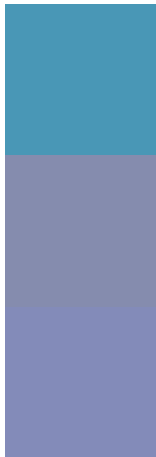


This preview shows how white text looks on a background with the Yxy color 26.9271, 0.2284, 0.2763.

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

26.9271, 0.2284, 0.2763

Protanopia

26.7987, 0.2743, 0.2754

Deuteranopia

26.7933, 0.2636, 0.2582



Tritanopia

27.0226, 0.2353, 0.3074

Trichromacy



Original Color

26.9271, 0.2284, 0.2763

Protanomaly

26.5003, 0.2538, 0.2749

Deuteranomaly

26.4206, 0.2479, 0.2630

Tritanomaly

27.0262, 0.2328, 0.2956

Monochromacy



Original Color

26.9271, 0.2284, 0.2763

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

23.6940, 0.2729, 0.3076

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9271, 0.2284, 0.2763 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(73, 151, 182)` looks like.

```
.text, #text, p{  
    color:rgb(73, 151, 182)  
}
```

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(73, 151, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 151, 182) }
```

Border

The CSS property to change the border of an element to Yxy 26.9271, 0.2284, 0.2763 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(73, 151, 182) }
```

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

```
.border{ border-color:rgb(73, 151, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 151, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 151, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 151, 182);  
box-shadow:4px 4px 4px 4px rgb(73, 151,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9271, 0.2284, 0.2763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 151, 182) }
```

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

```
.background{ background-color: rgb(73, 151,  
182) }
```

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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