

Converting Colors

$Yxy(26.9807, 0.2324, 0.2911)$

Have a look what the booklet for
Yxy(26.9807, 0.2324, 0.2911)
contains.

Yxy(26.8521, 0.2323, 0.2906)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.8521, 0.2323, 0.2906)

Conversions

Conversions Part 1

Format	Color
Hex	4798AE
RGB	71, 152, 174
RGB Percent	28%, 60%, 68%
CMY	0.7216, 0.4039, 0.3177
CMYK	0.59, 0.13, 0.00, 0.32
HSL	193°, 42%, 48%
HSV	193°, 59%, 68%
XYZ	21.4650, 26.8521, 44.0851
YIQ	130.2890, -55.3380, -10.3300

Conversions

Conversions Part 2

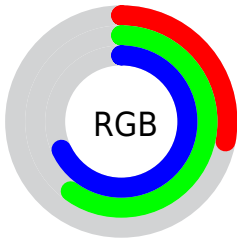
Format	Color
RYB	71, 116, 174
Decimal	4692142
CIELab	58.84, -18.09, -18.93
CIElCh	59, 26.182, 226.302
Yxy	26.8521, 0.2323, 0.2906
Android (android.graphics.Color)	4282882222 (0xFF4798AE)
YUV	130.2890, 21.5495, -51.9965
Hunter-Lab	51.8190, -16.7430, -14.1678

Details

The Yxy color **26.8521, 0.2323, 0.2906** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.2763, 0.4699, 0.3608**, and the grayscale version is **22.3682, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.4450, 0.2477, 0.2980**, and **10.7125, 0.2098, 0.2752** is the 20% darker color. If you saturate the color by 10%, you get **25.1003, 0.2229, 0.2829**, and if you desaturate by 10%, it is **28.8319, 0.2434, 0.2981**.

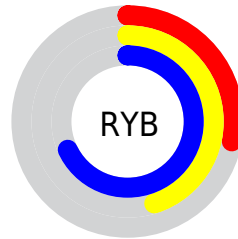
Distribution



Red (28%)

Green (60%)

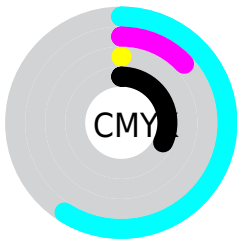
Blue (68%)



Red (28%)

Yellow (45%)

Blue (68%)

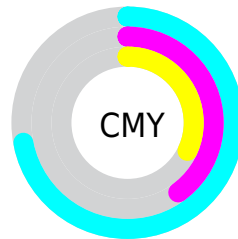


Cyan (59%)

Magenta (13%)

Yellow (0%)

Black (32%)



Cyan (72%)


Magenta (40%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.8521, 0.2323, 0.2906 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 26.8521, 0.2323, 0.2906 by changing the saturation by 10% instead.

 26.8521, 0.2323,
0.2906


 26.8521, 0.2323,
0.2906


286.9403, 0.2748,
0.3124


 17.4622, 0.2210,
0.2842


 54.6464, 0.2483,
0.2992


 10.5646, 0.2062,
0.2754


 73.8197, 0.2541,
0.3022

 5.7749, 0.1859,
0.2626

 97.0227, 0.2590,
0.3047

 2.7087, 0.1568,
0.2425

 124.6401, 0.2631,
0.3068

 0.9816, 0.1045,
0.2100

 157.0562, 0.2667,
0.3085

 0.0000, 0.0000,
0.0000

194.6553, 0.2698,

0.3100

237.8219, 0.2725,
0.3113

■ 26.8521, 0.2323,
0.2906

■ 26.8521, 0.2323,
0.2906

■ 25.1003, 0.2229,
0.2829

■ 28.8319, 0.2434,
0.2981

■ 23.5567, 0.2154,
0.2752

■ 31.0517, 0.2559,
0.3052

■ 22.2024, 0.2097,
0.2675

■ 33.5260, 0.2695,
0.3120

■ 20.9996, 0.2056,
0.2598

■ 36.2672, 0.2839,
0.3183

■ 20.9048, 0.2053,
0.2592

■ 39.2867, 0.2988,
0.3241

■ 42.5954, 0.3139,
0.3294

■ 46.2033, 0.3291,
0.3342

■ 50.1201, 0.3440,
0.3385

■ 54.3550, 0.3585,
0.3422

Harmonies

Analogous

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



26.8521, 0.2459, 0.3299



26.8521, 0.2323, 0.2906



26.8521, 0.2382, 0.2656

Triad

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



26.8521, 0.2323, 0.2906



26.8521, 0.3463, 0.2901



26.8521, 0.3612, 0.4072

Complementary

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



26.8521, 0.2323, 0.2906



17.2763, 0.4699, 0.3608

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.



26.8521, 0.3916, 0.3891



26.8521, 0.2323, 0.2906



26.8521, 0.3835, 0.3222

Square

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



26.8521, 0.2323, 0.2906



26.8521, 0.3014, 0.2673



26.8521, 0.4004, 0.3577



26.8521, 0.3190, 0.4024

Rectangle

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



26.8521, 0.2323, 0.2906



26.8521, 0.2525, 0.2587



26.8521, 0.4004, 0.3577



26.8521, 0.3732, 0.4033

Sweetspot

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



26.8531, 0.2323, 0.2906



66.2583, 0.2852, 0.3188



32.3697, 0.2921, 0.4813



14.3958, 0.2810, 0.3171



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



26.8531, 0.2323, 0.2906



44.6429, 0.2204, 0.2806



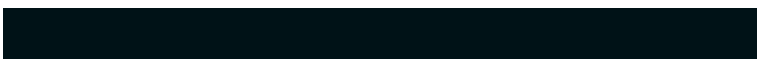
13.8774, 0.2116, 0.1961



8.7776, 0.2986, 0.3240



15.2547, 0.2056, 0.2600



0.4960, 0.2120, 0.2832

Inverse Universe

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



15.7705, 0.3497, 0.2174



24.0285, 0.3605, 0.2006



29.1224, 0.4203, 0.4306



8.1184, 0.3169, 0.3113



7.8430, 0.3824, 0.1880



0.2254, 0.3605, 0.1760

Previews

White Background



This preview shows how the Yxy color 26.8521, 0.2323, 0.2906 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 26.8521, 0.2323, 0.2906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

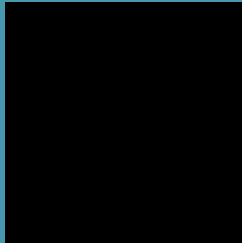
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.8521, 0.2323, 0.2906

Background



This preview shows how black text looks on a background with the Yxy color 26.8521, 0.2323, 0.2906.



This preview shows how white text looks on a background with the Yxy color 26.8521, 0.2323, 0.2906.

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

26.8521, 0.2323, 0.2906

Protanopia

26.7070, 0.2849, 0.2891

Deuteranopia

26.5855, 0.2744, 0.2684



Tritanopia

26.7289, 0.2354, 0.3056

Trichromacy



Original Color

26.8521, 0.2323, 0.2906

Protanomaly

26.2184, 0.2613, 0.2888

Deuteranomaly

26.2243, 0.2551, 0.2748

Tritanomaly

26.8760, 0.2341, 0.3005

Monochromacy



Original Color

26.8521, 0.2323, 0.2906

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

23.5035, 0.2754, 0.3145

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8521, 0.2323, 0.2906 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(71, 152, 174)` looks like.

```
.text, #text, p{  
    color:rgb(71, 152, 174)  
}
```

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(71, 152, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 152, 174) }
```

Border

The CSS property to change the border of an element to Yxy 26.8521, 0.2323, 0.2906 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(71, 152, 174) }
```

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

```
.border{ border-color:rgb(71, 152, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 152, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 152, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 152, 174);  
box-shadow:4px 4px 4px 4px rgb(71, 152,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8521, 0.2323, 0.2906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 152, 174) }
```

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

```
.background{ background-color: rgb(71, 152,  
174) }
```

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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