

Converting Colors

$Yxy(26.1851, 0.2449, 0.3155)$

Have a look what the booklet for
Yxy(26.1851, 0.2449, 0.3155)
contains.

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Color

Yxy(26.1796, 0.2451, 0.3161)

Conversions

Conversions Part 1

Format	Color
Hex	4D979E
RGB	77, 151, 158
RGB Percent	30%, 59%, 62%
CMY	0.6981, 0.4078, 0.3803
CMYK	0.51, 0.04, 0.00, 0.38
HSL	185°, 34%, 46%
HSV	185°, 51%, 62%
XYZ	20.2993, 26.1796, 36.3417
YIQ	129.6720, -46.3510, -13.5110

Conversions

Conversions Part 2

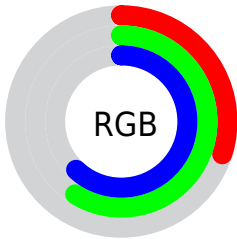
Format	Color
R_{YB}	77, 116, 158
Decimal	5085086
CIE _{Lab}	58.21, -20.99, -10.79
CIE _{LCh}	58, 23.598, 207.207
Yxy	26.1796, 0.2451, 0.3161
Android (android.graphics.Color)	4283275166 (0xFF4D979E)
YUV	129.6720, 13.9657, -46.1933
Hunter-Lab	51.1660, -18.7233, -6.2957

Details

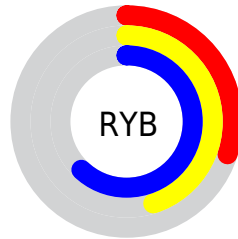
The Yxy color **26.1796, 0.2451, 0.3161** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **14.1493, 0.4482, 0.3407**, and the grayscale version is **22.1632, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.3723, 0.2585, 0.3183**, and **10.2470, 0.2220, 0.3096** is the 20% darker color. If you saturate the color by 10%, you get **25.1631, 0.2360, 0.3132**, and if you desaturate by 10%, it is **27.3629, 0.2559, 0.3189**.

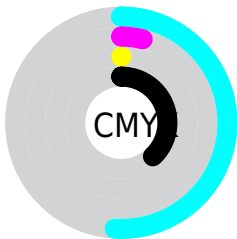
Distribution



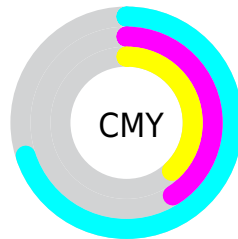
- Red (30%)
- Green (59%)
- Blue (62%)



- Red (30%)
- Yellow (45%)
- Blue (62%)



- Cyan (51%)
- Magenta (4%)
- Yellow (0%)
- Black (38%)



- Cyan (70%)
- Magenta (41%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.1796, 0.2451, 0.3161 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 26.1796, 0.2451, 0.3161 by changing the saturation by 10% instead.

■ 26.1796, 0.2451,
0.3161

■ 26.1796, 0.2451,
0.3161

■ 283.6626, 0.2814,
0.3240

■ 16.9580, 0.2352,
0.3135

■ 53.5645, 0.2589,
0.3194

■ 10.2046, 0.2220,
0.3098

■ 72.4967, 0.2639,
0.3205

■ 5.5348, 0.2036,
0.3040

■ 95.4346, 0.2680,
0.3214

■ 2.5643, 0.1763,
0.2939

■ 122.7625, 0.2715,
0.3221

■ 0.9088, 0.1087,
0.2811

■ 154.8648, 0.2745,
0.3227

■ 0.0000, 0.0000,
0.0000

192.1261, 0.2771,

0.3232

234.9305, 0.2794,
0.3236

■ 26.1796, 0.2451,
0.3161

■ 26.1796, 0.2451,
0.3161

■ 25.1631, 0.2360,
0.3132

■ 27.3629, 0.2559,
0.3189

■ 24.2986, 0.2286,
0.3103

■ 28.7206, 0.2681,
0.3216

■ 23.5737, 0.2231,
0.3074

■ 30.2634, 0.2815,
0.3242

■ 22.9725, 0.2194,
0.3045

■ 32.0003, 0.2958,
0.3265

■ 22.5163, 0.2172,
0.3020

■ 33.9396, 0.3108,
0.3287

■ 36.0892, 0.3261,
0.3307

■ 38.4566, 0.3415,
0.3325

■ 41.0488, 0.3568,
0.3341

■ 43.8725, 0.3718,
0.3356

Harmonies

Analogous

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



26.1796, 0.2683, 0.3552



26.1796, 0.2451, 0.3161



26.1796, 0.2390, 0.2842

Triad

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



26.1796, 0.2451, 0.3161



26.1796, 0.3174, 0.2788



26.1796, 0.3765, 0.3919

Complementary

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



26.1796, 0.2451, 0.3161



14.1493, 0.4482, 0.3407

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.



26.1796, 0.3922, 0.3669



26.1796, 0.2451, 0.3161



26.1796, 0.3571, 0.3035

Square

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



26.1796, 0.2451, 0.3161



26.1796, 0.2787, 0.2654



26.1796, 0.3852, 0.3349



26.1796, 0.3439, 0.4010

Rectangle

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



26.1796, 0.2451, 0.3161



26.1796, 0.2450, 0.2708



26.1796, 0.3852, 0.3349



26.1796, 0.3840, 0.3848

Sweetspot

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



26.1806, 0.2451, 0.3161



56.7844, 0.2900, 0.3256



26.6754, 0.3006, 0.4751



12.6608, 0.2872, 0.3251



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.



26.1806, 0.2451, 0.3161



45.3568, 0.2344, 0.3127



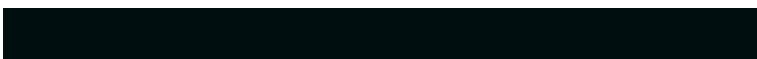
15.3617, 0.2298, 0.2371



7.4111, 0.2988, 0.3270



18.0558, 0.2173, 0.3022



0.3487, 0.2205, 0.3138

Inverse Universe

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



14.8119, 0.3280, 0.2174



22.6798, 0.3322, 0.1969



22.2875, 0.4117, 0.4045



6.7447, 0.3150, 0.3088



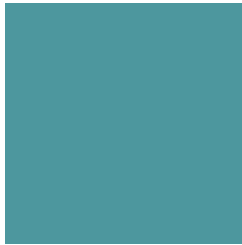
7.4450, 0.3435, 0.1666



0.1357, 0.3335, 0.1611

Previews

White Background



This preview shows how the Yxy color 26.1796, 0.2451, 0.3161 looks on a white background.

Color Contrast Check

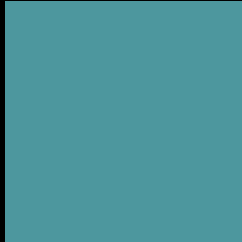
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1796, 0.2451, 0.3161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

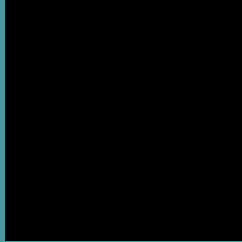
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1796, 0.2451, 0.3161

Background



This preview shows how black text looks on a background with the Yxy color 26.1796, 0.2451, 0.3161.



This preview shows how white text looks on a background with the Yxy color 26.1796, 0.2451, 0.3161.

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

26.1796, 0.2451, 0.3161

Protanopia

25.7822, 0.3008, 0.3093

Deuteranopia

25.9323, 0.2944, 0.2892



Tritanopia

26.0836, 0.2434, 0.3074

Trichromacy



Original Color

26.1796, 0.2451, 0.3161

Protanomaly

25.6578, 0.2767, 0.3117

Deuteranomaly

25.4394, 0.2723, 0.2968

Tritanomaly

26.0056, 0.2434, 0.3091

Monochromacy



Original Color

26.1796, 0.2451, 0.3161

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

23.4499, 0.2827, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1796, 0.2451, 0.3161 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(77, 151, 158)` looks like.

```
.text, #text, p{  
    color:rgb(77, 151, 158)  
}
```

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(77, 151, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 151, 158) }
```

Border

The CSS property to change the border of an element to Yxy 26.1796, 0.2451, 0.3161 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(77, 151, 158) }
```

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

```
.border{ border-color:rgb(77, 151, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 151, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(77, 151, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(77, 151, 158); box-shadow:4px 4px 4px 4px rgb(77, 151, 158) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1796, 0.2451, 0.3161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 151, 158) }
```

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

```
.background{ background-color: rgb(77, 151,  
158) }
```

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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