

Converting Colors

$Y_{xy}(26.1203, 0.2485, 0.3144)$

Have a look what the booklet for
Yxy(26.1203, 0.2485, 0.3144)
contains.

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Color

Yxy(26.1203, 0.2485, 0.3144)

Conversions

Conversions Part 1

Format	Color
Hex	53969E
RGB	83, 150, 158
RGB Percent	33%, 59%, 62%
CMY	0.6746, 0.4118, 0.3803
CMYK	0.47, 0.05, 0.00, 0.38
HSL	186°, 31%, 47%
HSV	186°, 47%, 62%
XYZ	20.6453, 26.1203, 36.3142
YIQ	130.8790, -42.5000, -11.7160

Conversions

Conversions Part 2

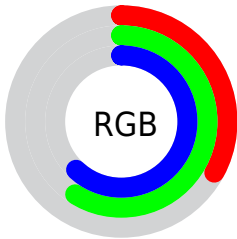
Format	Color
R _Y B	83, 118, 158
Decimal	5478046
CIE Lab	58.15, -19.06, -10.85
CIE LCh	58, 21.929, 209.657
Yxy	26.1203, 0.2485, 0.3144
Android (android.graphics.Color)	4283668126 (0xFF53969E)
YUV	130.8790, 13.3707, -41.9899
Hunter-Lab	51.1080, -17.3331, -6.3522

Details

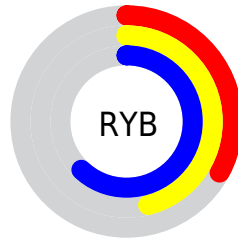
The Yxy color **26.1203, 0.2485, 0.3144** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **15.3788, 0.4321, 0.3424**, and the grayscale version is **22.6133, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.3082, 0.2612, 0.3170**, and **10.1919, 0.2265, 0.3071** is the 20% darker color. If you saturate the color by 10%, you get **24.9473, 0.2385, 0.3109**, and if you desaturate by 10%, it is **27.4669, 0.2601, 0.3178**.

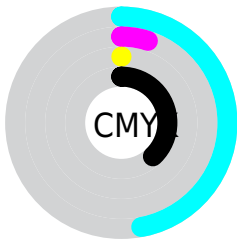
Distribution



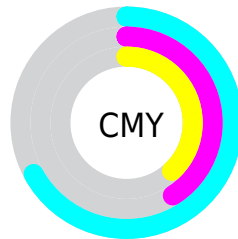
- Red (33%)
- Green (59%)
- Blue (62%)



- Red (33%)
- Yellow (46%)
- Blue (62%)



- Cyan (47%)
- Magenta (5%)
- Yellow (0%)
- Black (38%)



- Cyan (67%)
- Magenta (41%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.1203, 0.2485, 0.3144 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 26.1203, 0.2485, 0.3144 by changing the saturation by 10% instead.

■ 26.1203, 0.2485,
0.3144

■ 26.1203, 0.2485,
0.3144

■ 283.3721, 0.2830,
0.3231

■ 16.9137, 0.2391,
0.3116

■ 53.4690, 0.2616,
0.3180

■ 10.1730, 0.2265,
0.3076

■ 72.3798, 0.2664,
0.3192

■ 5.5138, 0.2088,
0.3015

■ 95.2941, 0.2703,
0.3202

■ 2.5518, 0.1825,
0.2911

■ 122.5963, 0.2736,
0.3210

■ 0.9025, 0.1203,
0.2765

■ 154.6708, 0.2765,
0.3217

■ 0.0000, 0.0000,
0.0000

191.9020, 0.2789,

0.3222

234.6743, 0.2811,
0.3227

■ 26.1203, 0.2485,
0.3144

■ 26.1203, 0.2485,
0.3144

■ 24.9473, 0.2385,
0.3109

■ 27.4669, 0.2601,
0.3178

■ 23.9336, 0.2302,
0.3072

■ 28.9943, 0.2729,
0.3211

■ 23.0674, 0.2237,
0.3036


■ 30.7130, 0.2868,
0.3242


■ 22.3340, 0.2191,
0.2999

■ 32.6317, 0.3014,
0.3270


■ 21.7086, 0.2161,
0.2963

■ 34.7586, 0.3165,
0.3296

 21.5578, 0.2154,
0.2954

 37.1015, 0.3318,
0.3320

 39.6675, 0.3471,
0.3341

 42.4638, 0.3622,
0.3360

 45.4969, 0.3769,
0.3377

Harmonies

Analogous

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



26.1203, 0.2691, 0.3505



26.1203, 0.2485, 0.3144



26.1203, 0.2441, 0.2855

Triad

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



26.1203, 0.2485, 0.3144



26.1203, 0.3203, 0.2836



26.1203, 0.3702, 0.3890

Complementary

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



26.1203, 0.2485, 0.3144



15.3788, 0.4321, 0.3424

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.



26.1203, 0.3862, 0.3668



26.1203, 0.2485, 0.3144



26.1203, 0.3567, 0.3075

Square

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



26.1203, 0.2485, 0.3144



26.1203, 0.2838, 0.2701



26.1203, 0.3814, 0.3372



26.1203, 0.3390, 0.3956

Rectangle

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



26.1203, 0.2485, 0.3144



26.1203, 0.2506, 0.2737



26.1203, 0.3814, 0.3372



26.1203, 0.3776, 0.3829

Sweetspot

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



26.1213, 0.2485, 0.3144



56.8330, 0.2914, 0.3251



27.0481, 0.3005, 0.4601



12.6571, 0.2885, 0.3245



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.



26.1213, 0.2485, 0.3144



45.1634, 0.2379, 0.3106



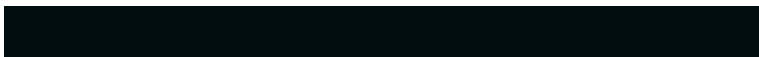
16.1172, 0.2356, 0.2427



7.3882, 0.2988, 0.3265



17.2929, 0.2155, 0.2957



0.3405, 0.2195, 0.3102

Inverse Universe

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



15.6570, 0.3288, 0.2268



24.2082, 0.3332, 0.2074



23.3367, 0.4020, 0.4012



6.7424, 0.3153, 0.3093



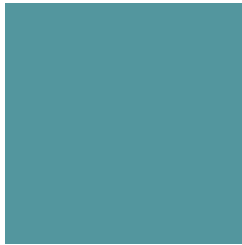
7.3679, 0.3492, 0.1697



0.1349, 0.3366, 0.1628

Previews

White Background



This preview shows how the Yxy color 26.1203, 0.2485, 0.3144 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 26.1203, 0.2485, 0.3144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

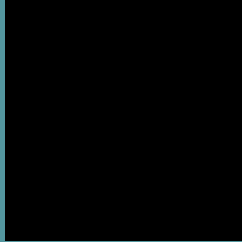
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1203, 0.2485, 0.3144

Background



This preview shows how black text looks on a background with the Yxy color 26.1203, 0.2485, 0.3144.



This preview shows how white text looks on a background with the Yxy color 26.1203, 0.2485, 0.3144.

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

26.1203, 0.2485, 0.3144

Protanopia

25.8146, 0.2998, 0.3077

Deuteranopia

25.9323, 0.2944, 0.2892



Tritanopia

25.9883, 0.2462, 0.3057

Trichromacy



Original Color

26.1203, 0.2485, 0.3144

Protanomaly

25.5306, 0.2775, 0.3084

Deuteranomaly

25.6528, 0.2751, 0.2970

Tritanomaly

25.9529, 0.2468, 0.3074

Monochromacy



Original Color

26.1203, 0.2485, 0.3144

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

23.6775, 0.2847, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1203, 0.2485, 0.3144 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(83, 150, 158)` looks like.

```
.text, #text, p{  
    color:rgb(83, 150, 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(83, 150, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 150, 158) }
```

Border

The CSS property to change the border of an element to Yxy 26.1203, 0.2485, 0.3144 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(83, 150, 158) }
```

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

```
.border{ border-color:rgb(83, 150, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 150, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 150, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 150, 158);  
box-shadow:4px 4px 4px 4px rgb(83, 150,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1203, 0.2485, 0.3144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 150, 158) }
```

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

```
.background{ background-color: rgb(83, 150,  
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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