

Converting Colors

$Y_{xy}(26.3897, 0.2574, 0.3160)$

Have a look what the booklet for
Yxy(26.3897, 0.2574, 0.3160)
contains.

Yxy(26.3281, 0.2580, 0.3164)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(26.3281, 0.2580, 0.3164)

Conversions

Conversions Part 1

Format	Color
Hex	5F959C
RGB	95, 149, 156
RGB Percent	37%, 58%, 61%
CMY	0.6275, 0.4157, 0.3881
CMYK	0.39, 0.05, 0.00, 0.39
HSL	187°, 24%, 49%
HSV	187°, 39%, 61%
XYZ	21.4686, 26.3281, 35.4148
YIQ	133.6520, -34.4310, -9.2710

Conversions

Conversions Part 2

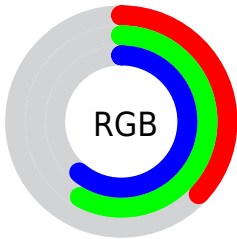
Format	Color
R_{YB}	95, 124, 156
Decimal	6264220
CIE Lab	58.35, -15.96, -9.36
CIE LCh	58, 18.500, 210.387
Yxy	26.3281, 0.2580, 0.3164
Android (android.graphics.Color)	4284454300 (0xFF5F959C)
YUV	133.6520, 11.0176, -33.8978
Hunter-Lab	51.3109, -15.1095, -5.0043

Details

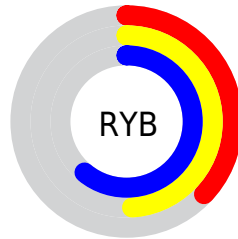
The Yxy color **26.3281, 0.2580, 0.3164** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.4032, 0.4023, 0.3410**, and the grayscale version is **23.6746, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.6609, 0.2694, 0.3198**, and **10.2689, 0.2390, 0.3101** is the 20% darker color. If you saturate the color by 10%, you get **25.0116, 0.2466, 0.3127**, and if you desaturate by 10%, it is **27.8227, 0.2707, 0.3200**.

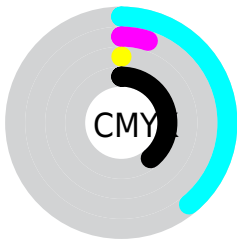
Distribution



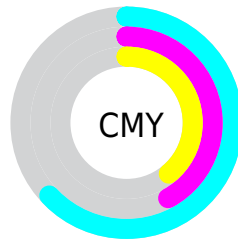
- Red (37%)
- Green (58%)
- Blue (61%)



- Red (37%)
- Yellow (49%)
- Blue (61%)



- Cyan (39%)
- Magenta (5%)
- Yellow (0%)
- Black (39%)



- Cyan (63%)
- Magenta (42%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.3281, 0.2580, 0.3164 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 26.3281, 0.2580, 0.3164 by changing the saturation by 10% instead.

■ 26.3281, 0.2580,
0.3164

■ 26.3281, 0.2580,
0.3164

■ 284.3890, 0.2875,
0.3238

■ 17.0693, 0.2499,
0.3141

■ 53.8038, 0.2692,
0.3194

■ 10.2839, 0.2390,
0.3108

■ 72.7894, 0.2733,
0.3205

■ 5.5876, 0.2237,
0.3057

■ 95.7861, 0.2767,
0.3213

■ 2.5960, 0.2006,
0.2971

■ 123.1782, 0.2795,
0.3220

■ 0.9246, 0.1502,
0.2841

■ 155.3502, 0.2819,
0.3226

■ 0.0000, 0.0000,
0.0000

192.6863, 0.2840,

0.3230

235.5712, 0.2858,
0.3235

■ 26.3281, 0.2580,
0.3164

■ 26.3281, 0.2580,
0.3164

■ 25.0116, 0.2466,
0.3127

■ 27.8227, 0.2707,
0.3200

■ 23.8602, 0.2368,
0.3088

■ 29.5017, 0.2845,
0.3233

■ 22.8636, 0.2287,
0.3049

■ 31.3746, 0.2990,
0.3264

■ 22.0092, 0.2224,
0.3010

■ 33.4495, 0.3141,
0.3292

■ 21.2824, 0.2179,
0.2970

■ 35.7340, 0.3293,
0.3318

■ 20.6516, 0.2149,
0.2932

■ 38.2351, 0.3445,
0.3341

■ 20.5972, 0.2147,
0.2928

■ 40.9598, 0.3596,
0.3362

■ 43.9144, 0.3743,
0.3380

■ 47.1053, 0.3885,
0.3396

Harmonies

Analogous

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



26.3281, 0.2754, 0.3464



26.3281, 0.2580, 0.3164



26.3281, 0.2545, 0.2921

Triad

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



26.3281, 0.2580, 0.3164



26.3281, 0.3201, 0.2907



26.3281, 0.3608, 0.3800

Complementary

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



26.3281, 0.2580, 0.3164



17.4032, 0.4023, 0.3410

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.



26.3281, 0.3744, 0.3620



26.3281, 0.2580, 0.3164



26.3281, 0.3503, 0.3115

Square

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



26.3281, 0.2580, 0.3164



26.3281, 0.2891, 0.2790



26.3281, 0.3706, 0.3370



26.3281, 0.3344, 0.3846

Rectangle

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



26.3281, 0.2580, 0.3164



26.3281, 0.2603, 0.2820



26.3281, 0.3706, 0.3370



26.3281, 0.3670, 0.3752

Sweetspot

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



26.3291, 0.2580, 0.3164



55.8636, 0.2944, 0.3255



27.1603, 0.3025, 0.4331



12.2032, 0.2927, 0.3251



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



26.3291, 0.2580, 0.3164



45.6786, 0.2479, 0.3131



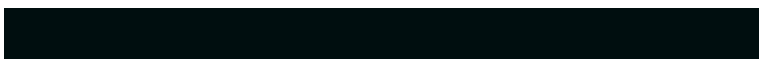
18.1244, 0.2497, 0.2606



7.3790, 0.2988, 0.3264



16.9913, 0.2148, 0.2931



0.3372, 0.2191, 0.3087

Inverse Universe

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



17.4237, 0.3262, 0.2446



27.4364, 0.3299, 0.2268



24.2948, 0.3835, 0.3886



6.7414, 0.3154, 0.3094



7.3375, 0.3516, 0.1710



0.1346, 0.3378, 0.1635

Previews

White Background



This preview shows how the Yxy color 26.3281, 0.2580, 0.3164 looks on a white background.

Color Contrast Check

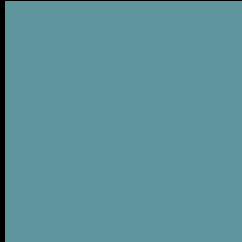
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3281, 0.2580, 0.3164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

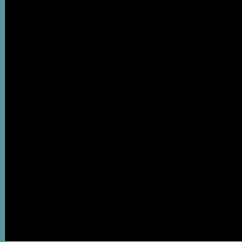
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.3281, 0.2580, 0.3164

Background



This preview shows how black text looks on a background with the Yxy color 26.3281, 0.2580, 0.3164.



This preview shows how white text looks on a background with the Yxy color 26.3281, 0.2580, 0.3164.

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

26.3281, 0.2580, 0.3164

Protanopia

26.1562, 0.3018, 0.3110

Deuteranopia

26.0408, 0.2984, 0.2925



Tritanopia

26.2047, 0.2556, 0.3078

Trichromacy



Original Color

26.3281, 0.2580, 0.3164

Protanomaly

26.1229, 0.2841, 0.3137

Deuteranomaly

25.9540, 0.2815, 0.3006

Tritanomaly

26.1698, 0.2563, 0.3095

Monochromacy



Original Color

26.3281, 0.2580, 0.3164

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

24.4113, 0.2898, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3281, 0.2580, 0.3164 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(95, 149, 156)` looks like.

```
.text, #text, p{  
    color:rgb(95, 149, 156)  
}
```

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(95, 149, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 149, 156) }
```

Border

The CSS property to change the border of an element to Yxy 26.3281, 0.2580, 0.3164 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(95, 149, 156) }
```

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

```
.border{ border-color:rgb(95, 149, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 149, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 149, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 149, 156);  
box-shadow:4px 4px 4px 4px rgb(95, 149,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3281, 0.2580, 0.3164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 149, 156) }
```

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

```
.background{ background-color: rgb(95, 149,  
156) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor