

Converting Colors

$Y_{xy}(26.3326, 0.2585, 0.3113)$

Have a look what the booklet for
Yxy(26.3326, 0.2585, 0.3113)
contains.

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Color

$\text{Yxy}(26.2451, 0.2586, 0.3113)$

Conversions

Conversions Part 1

Format	Color
Hex	62949E
RGB	98, 148, 158
RGB Percent	38%, 58%, 62%
CMY	0.6155, 0.4196, 0.3804
CMYK	0.38, 0.06, 0.00, 0.38
HSL	190°, 24%, 50%
HSV	190°, 38%, 62%
XYZ	21.8021, 26.2451, 36.2609
YIQ	134.1900, -33.0100, -7.4900

Conversions

Conversions Part 2

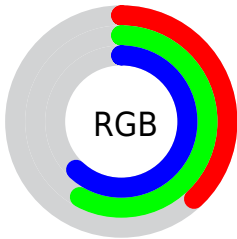
Format	Color
R_{YB}	98, 125, 158
Decimal	6460574
CIE _{Lab}	58.27, -14.05, -10.58
CIE _{LCh}	58, 17.590, 216.974
Yxy	26.2451, 0.2586, 0.3113
Android (android.graphics.Color)	4284650654 (0xFF62949E)
YUV	134.1900, 11.7383, -31.7386
Hunter-Lab	51.2300, -13.6878, -6.1049

Details

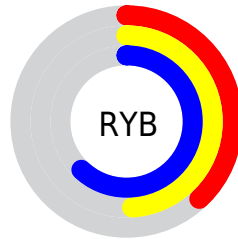
The Yxy color **26.2451, 0.2586, 0.3113** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.8876, 0.3967, 0.3457**, and the grayscale version is **23.8832, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.6245, 0.2693, 0.3147**, and **10.1918, 0.2390, 0.3024** is the 20% darker color. If you saturate the color by 10%, you get **24.6343, 0.2465, 0.3059**, and if you desaturate by 10%, it is **28.0503, 0.2719, 0.3165**.

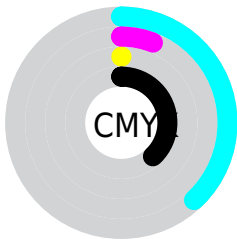
Distribution



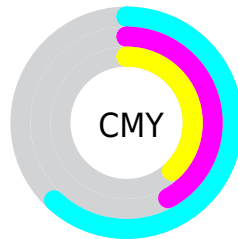
- Red (38%)
- Green (58%)
- Blue (62%)



- Red (38%)
- Yellow (49%)
- Blue (62%)



- Cyan (38%)
- Magenta (6%)
- Yellow (0%)
- Black (38%)



- Cyan (62%)
- Magenta (42%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.2451, 0.2586, 0.3113 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 26.2451, 0.2586, 0.3113 by changing the saturation by 10% instead.

■ 26.2451, 0.2586,
0.3113

■ 26.2451, 0.2586,
0.3113

■ 283.9832, 0.2877,
0.3215

■ 17.0071, 0.2506,
0.3082

■ 53.6701, 0.2697,
0.3154

■ 10.2395, 0.2398,
0.3039

■ 72.6259, 0.2737,
0.3168

■ 5.5581, 0.2247,
0.2974

■ 95.5897, 0.2771,
0.3179

■ 2.5783, 0.2018,
0.2866

■ 122.9459, 0.2799,
0.3189

■ 0.9158, 0.1548,
0.2691

■ 155.0790, 0.2823,
0.3197

■ 0.0000, 0.0000,
0.0000

192.3733, 0.2843,

0.3204

235.2132, 0.2861,
0.3210

■ 26.2451, 0.2586,
0.3113

■ 26.2451, 0.2586,
0.3113

■ 24.6343, 0.2465,
0.3059

■ 28.0503, 0.2719,
0.3165

■ 23.2045, 0.2358,
0.3002

■ 30.0563, 0.2860,
0.3213

■ 21.9451, 0.2268,
0.2944

■ 32.2731, 0.3008,
0.3257

■ 20.8433, 0.2197,
0.2885

■ 34.7088, 0.3158,
0.3298

■ 19.8842, 0.2143,
0.2826

■ 37.3715, 0.3310,
0.3335

■ 19.0411, 0.2106,
0.2768

■ 40.2683, 0.3460,
0.3368

■ 18.8727, 0.2099,
0.2756

■ 43.4065, 0.3606,
0.3397

■ 46.7928, 0.3749,
0.3422

■ 50.4336, 0.3886,
0.3445

Harmonies

Analogous

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



26.2451, 0.2725, 0.3393



26.2451, 0.2586, 0.3113



26.2451, 0.2584, 0.2901

Triad

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



26.2451, 0.2586, 0.3113



26.2451, 0.3264, 0.2962



26.2451, 0.3538, 0.3798

Complementary

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



26.2451, 0.2586, 0.3113



18.8876, 0.3967, 0.3457

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.



26.2451, 0.3699, 0.3651



26.2451, 0.2586, 0.3113



26.2451, 0.3539, 0.3175

Square

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



26.2451, 0.2586, 0.3113



26.2451, 0.2963, 0.2828



26.2451, 0.3700, 0.3422



26.2451, 0.3270, 0.3806

Rectangle

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



26.2451, 0.2586, 0.3113



26.2451, 0.2659, 0.2822



26.2451, 0.3700, 0.3422



26.2451, 0.3607, 0.3762

Sweetspot

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



26.2461, 0.2586, 0.3113



57.2509, 0.2959, 0.3243



28.1347, 0.2996, 0.4219



12.7911, 0.2940, 0.3238



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.



26.2461, 0.2586, 0.3113



45.0285, 0.2477, 0.3064



18.0330, 0.2506, 0.2553



7.3210, 0.2988, 0.3252



15.1657, 0.2100, 0.2761



0.3168, 0.2165, 0.2994

Inverse Universe

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



18.1519, 0.3297, 0.2513



28.4355, 0.3348, 0.2338



26.3321, 0.3788, 0.3928



6.7356, 0.3161, 0.3106



7.1532, 0.3671, 0.1796



0.1325, 0.3460, 0.1680

Previews

White Background



This preview shows how the Yxy color 26.2451, 0.2586, 0.3113 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 26.2451, 0.2586, 0.3113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

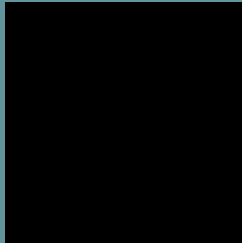
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.2451, 0.2586, 0.3113

Background



This preview shows how black text looks on a background with the Yxy color 26.2451, 0.2586, 0.3113.

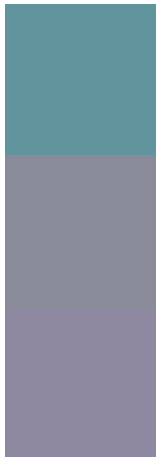


This preview shows how white text looks on a background with the Yxy color 26.2451, 0.2586, 0.3113.

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

26.2451, 0.2586, 0.3113

Protanopia

26.1355, 0.2989, 0.3077

Deuteranopia

26.0212, 0.2954, 0.2894



Tritanopia

26.3145, 0.2571, 0.3079

Trichromacy



Original Color

26.2451, 0.2586, 0.3113

Protanomaly

25.8900, 0.2822, 0.3086

Deuteranomaly

25.8063, 0.2806, 0.2958

Tritanomaly

26.2797, 0.2578, 0.3096

Monochromacy



Original Color

26.2451, 0.2586, 0.3113

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

24.5134, 0.2899, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2451, 0.2586, 0.3113 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(98, 148, 158)` looks like.

```
.text, #text, p{  
  color:rgb(98, 148, 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(98, 148, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 148, 158) }
```

Border

The CSS property to change the border of an element to Yxy 26.2451, 0.2586, 0.3113 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(98, 148, 158) }
```

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

```
.border{ border-color:rgb(98, 148, 158) }
```

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

Here you see how a box with a 4 pixel rgb(98, 148, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 148, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 148, 158);  
box-shadow:4px 4px 4px 4px rgb(98, 148,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2451, 0.2586, 0.3113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 148, 158) }
```

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

```
.background{ background-color: rgb(98, 148,  
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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