

Converting Colors

$Y_{xy}(26.0577, 0.3110, 0.4403)$

Have a look what the booklet for
Yxy(26.0577, 0.3110, 0.4403)
contains.

Yxy(26.1873, 0.3111, 0.4415)	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(26.1873, 0.3111, 0.4415)

Conversions

Conversions Part 1

Format	Color
Hex	62995E
RGB	98, 153, 94
RGB Percent	38%, 60%, 37%
CMY	0.6155, 0.4000, 0.6313
CMYK	0.36, 0.00, 0.39, 0.40
HSL	116°, 24%, 48%
HSV	116°, 39%, 60%
XYZ	18.4527, 26.1873, 14.6744
YIQ	129.8290, -13.8410, -30.0090

Conversions

Conversions Part 2

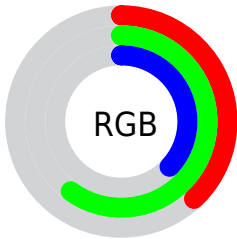
Format	Color
R_{YB}	94, 153, 149
Decimal	6461790
CIE _{Lab}	58.21, -30.37, 25.42
CIE _{LCh}	58, 39.602, 140.076
Yxy	26.1873, 0.3111, 0.4415
Android (android.graphics.Color)	4284651870 (0xFF62995E)
YUV	129.8290, -17.6637, -27.9140
Hunter-Lab	51.1735, -25.1882, 18.8196

Details

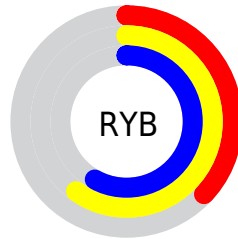
The Yxy color **26.1873, 0.3111, 0.4415** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **16.6933, 0.3117, 0.2350**, and the grayscale version is **22.3311, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.7354, 0.3129, 0.4159**, and **10.1169, 0.3053, 0.4872** is the 20% darker color. If you saturate the color by 10%, you get **25.2164, 0.3100, 0.4759**, and if you desaturate by 10%, it is **27.3561, 0.3119, 0.4084**.

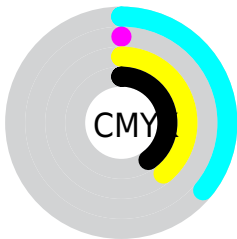
Distribution



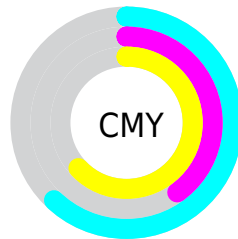
- Red (38%)
- Green (60%)
- Blue (37%)



- Red (37%)
- Yellow (60%)
- Blue (58%)



- Cyan (36%)
- Magenta (0%)
- Yellow (39%)
- Black (40%)





- Cyan (62%)
- Magenta (40%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1873, 0.3111, 0.4415 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 26.1873, 0.3111, 0.4415 by changing the saturation by 10% instead.


 26.1873, 0.3111,
0.4415


 26.1873, 0.3111,
0.4415

283.7003, 0.3139,
0.3767


 16.9638, 0.3093,
0.4611


 53.5770, 0.3128,
0.4156

 10.2087, 0.3059,
0.4887


 72.5119, 0.3132,
0.4066

 5.5375, 0.2992,
0.5299

 95.4528, 0.3135,
0.3993

 2.5660, 0.2903,
0.6101

 122.7841, 0.3137,
0.3932

 0.9096, 0.1191,
0.8809

154.8900, 0.3138,
0.3881

 0.0000, 0.0000,
0.0000

192.1551, 0.3139,

0.3838

234.9638, 0.3139,
0.3800

■ 26.1873, 0.3111,
0.4415

■ 26.1873, 0.3111,
0.4415

■ 25.2164, 0.3100,
0.4759

■ 27.3561, 0.3119,
0.4084

■ 24.4294, 0.3087,
0.5098

■ 28.7293, 0.3123,
0.3778

■ 23.8155, 0.3070,
0.5409

■ 30.3173, 0.3126,
0.3501

■ 23.3617, 0.3052,
0.5669


■ 32.1288, 0.3127,
0.3256

■ 23.0529, 0.3033,
0.5856


■ 34.1720, 0.3127,
0.3042


 22.8676, 0.3019,
0.5971

 36.4546, 0.3126,
0.2856

 22.8483, 0.3018,
0.5986

 38.9841, 0.3124,
0.2695

 41.7675, 0.3122,
0.2556

 44.8117, 0.3119,
0.2436

Harmonies

Analogous

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



26.1873, 0.3753, 0.4499



26.1873, 0.3111, 0.4415



26.1873, 0.2506, 0.3895

Triad

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



26.1873, 0.3111, 0.4415



26.1873, 0.2067, 0.2320



26.1873, 0.4266, 0.3226

Complementary

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



26.1873, 0.3111, 0.4415



16.6933, 0.3117, 0.2350

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.



26.1873, 0.3713, 0.2766



26.1873, 0.3111, 0.4415



26.1873, 0.2437, 0.2263

Square

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



26.1873, 0.3111, 0.4415



26.1873, 0.1949, 0.2629



26.1873, 0.3026, 0.2426



26.1873, 0.4463, 0.3733

Rectangle

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



26.1873, 0.3111, 0.4415



26.1873, 0.2205, 0.3426



26.1873, 0.3026, 0.2426



26.1873, 0.4113, 0.3064

Sweetspot

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



26.1884, 0.3111, 0.4415



53.2050, 0.3125, 0.3600



28.7850, 0.3715, 0.4152



11.6747, 0.3125, 0.3631



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



26.1884, 0.3111, 0.4415



45.4258, 0.3102, 0.4702



26.4832, 0.2873, 0.3940



6.9448, 0.3126, 0.3519



18.8912, 0.3020, 0.5984



0.2871, 0.3119, 0.5905

Inverse Universe

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



16.6933, 0.3117, 0.2350



26.0097, 0.3111, 0.2158



16.3491, 0.3509, 0.2724



6.3021, 0.3127, 0.3070



6.6989, 0.3042, 0.1449



0.1057, 0.3122, 0.1493

Previews

White Background



This preview shows how the Yxy color 26.1873, 0.3111, 0.4415 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 26.1873, 0.3111, 0.4415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

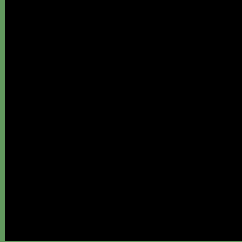
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1873, 0.3111, 0.4415

Background



This preview shows how black text looks on a background with the Yxy color 26.1873, 0.3111, 0.4415.



This preview shows how white text looks on a background with the Yxy color 26.1873, 0.3111, 0.4415.

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

26.1873, 0.3111, 0.4415

Protanopia

25.8619, 0.3806, 0.4103

Deuteranopia

25.7639, 0.3915, 0.3833



Tritanopia

26.0001, 0.2684, 0.3082

Trichromacy



Original Color

26.1873, 0.3111, 0.4415

Protanomaly

25.6074, 0.3522, 0.4219

Deuteranomaly

25.2820, 0.3586, 0.4026

Tritanomaly

25.9652, 0.2844, 0.3544

Monochromacy



Original Color

26.1873, 0.3111, 0.4415

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

23.3129, 0.3120, 0.3679

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1873, 0.3111, 0.4415 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, 153, 94)` looks like.

```
.text, #text, p{  
    color:rgb(98, 153, 94)  
}
```

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, 153, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 153, 94) }
```

Border

The CSS property to change the border of an element to Yxy 26.1873, 0.3111, 0.4415 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, 153, 94) }
```

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

```
.border{ border-color:rgb(98, 153, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 153, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 153, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 153, 94);  
box-shadow:4px 4px 4px 4px rgb(98, 153,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1873, 0.31111, 0.4415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 153, 94) }
```

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

```
.background{ background-color: rgb(98, 153,  
94) }
```

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