

Converting Colors

$Y_{xy}(26.6106, 0.2785, 0.3667)$

Have a look what the booklet for
Yxy(26.6106, 0.2785, 0.3667)
contains.

Yxy(26.6092, 0.2780, 0.3659)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

$Y_{xy}(26.6092, 0.2780, 0.3659)$

Conversions

Conversions Part 1

Format	Color
Hex	609884
RGB	96, 152, 132
RGB Percent	38%, 60%, 52%
CMY	0.6235, 0.4039, 0.4824
CMYK	0.37, 0.00, 0.13, 0.40
HSL	159°, 23%, 49%
HSV	159°, 37%, 60%
XYZ	20.2169, 26.6092, 25.8965
YIQ	132.9760, -26.9560, -18.0920

Conversions

Conversions Part 2

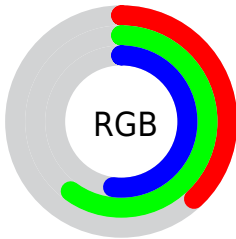
Format	Color
R_{YB}	96, 130, 152
Decimal	6330500
CIE _{Lab}	58.61, -23.13, 4.72
CIE _{LCh}	59, 23.610, 168.457
Yxy	26.6092, 0.2780, 0.3659
Android (android.graphics.Color)	4284520580 (0xFF609884)
YUV	132.9760, -0.4812, -32.4280
Hunter-Lab	51.5841, -20.3143, 6.3438

Details

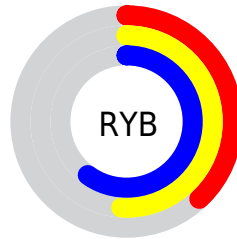
The Yxy color **26.6092, 0.2780, 0.3659** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.3043, 0.3675, 0.2954**, and the grayscale version is **23.4562, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.5180, 0.2857, 0.3584**, and **10.4898, 0.2643, 0.3799** is the 20% darker color. If you saturate the color by 10%, you get **25.7190, 0.2705, 0.3780**, and if you desaturate by 10%, it is **27.6687, 0.2866, 0.3547**.

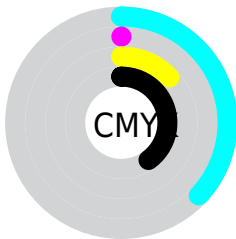
Distribution



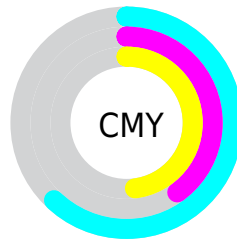
- Red (38%)
- Green (60%)
- Blue (52%)



- Red (38%)
- Yellow (51%)
- Blue (60%)



- Cyan (37%)
- Magenta (0%)
- Yellow (13%)
- Black (40%)




- Cyan (62%)
- Magenta (40%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.6092, 0.2780, 0.3659 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 26.6092, 0.2780, 0.3659 by changing the saturation by 10% instead.


 26.6092, 0.2780,
0.3659


 26.6092, 0.2780,
0.3659

285.7599, 0.2972,
0.3453


 17.2799, 0.2725,
0.3719


 54.2561, 0.2854,
0.3578


 10.4343, 0.2650,
0.3802


 73.3426, 0.2881,
0.3550

 5.6878, 0.2540,
0.3926

 96.4502, 0.2903,
0.3526

 2.6562, 0.2366,
0.4126

 123.9634, 0.2921,
0.3507

 0.9550, 0.1703,
0.4765

156.2666, 0.2936,
0.3490

 0.0000, 0.0000,
0.0000

193.7441, 0.2950,

0.3476

236.7805, 0.2961,
0.3464

■ 26.6092, 0.2780,
0.3659

■ 26.6092, 0.2780,
0.3659

■ 25.7190, 0.2705,
0.3780

■ 27.6687, 0.2866,
0.3547

■ 24.9856, 0.2644,
0.3907

■ 28.9029, 0.2959,
0.3443

■ 24.3997, 0.2599,
0.4039

■ 30.3209, 0.3058,
0.3349

■ 23.9498, 0.2572,
0.4174

■ 31.9301, 0.3159,
0.3264

■ 23.6225, 0.2565,
0.4309

■ 33.7376, 0.3262,
0.3188

■ 23.3968, 0.2575,
0.4443

■ 35.7502, 0.3363,
0.3121

■ 23.3331, 0.2579,
0.4485

■ 37.9742, 0.3463,
0.3062

■ 40.4157, 0.3560,
0.3009

■ 43.0805, 0.3653,
0.2964

Harmonies

Analogous

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



26.6092, 0.3159, 0.3937



26.6092, 0.2780, 0.3659



26.6092, 0.2505, 0.3273

Triad

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



26.6092, 0.2780, 0.3659



26.6092, 0.2694, 0.2645



26.6092, 0.3922, 0.3578

Complementary

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



26.6092, 0.2780, 0.3659



16.3043, 0.3675, 0.2954

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.



26.6092, 0.3785, 0.3254



26.6092, 0.2780, 0.3659



26.6092, 0.3055, 0.2738

Square

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



26.6092, 0.2780, 0.3659



26.6092, 0.2459, 0.2705



26.6092, 0.3460, 0.2955



26.6092, 0.3828, 0.3855

Rectangle

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



26.6092, 0.2780, 0.3659



26.6092, 0.2410, 0.3029



26.6092, 0.3460, 0.2955



26.6092, 0.3902, 0.3471

Sweetspot

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



26.6103, 0.2780, 0.3659



52.3813, 0.3014, 0.3389



27.0521, 0.3279, 0.4303



11.8356, 0.3002, 0.3401



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.



26.6103, 0.2780, 0.3659



45.6840, 0.2719, 0.3755



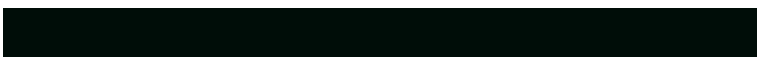
24.8638, 0.2606, 0.3154



6.9890, 0.3034, 0.3371



19.5696, 0.2577, 0.4476



0.2995, 0.2416, 0.3897

Inverse Universe

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



16.3043, 0.3675, 0.2954



24.8432, 0.3852, 0.2881



17.3154, 0.3942, 0.3420



6.2573, 0.3230, 0.3211



5.8286, 0.5493, 0.2800



0.0937, 0.4459, 0.2230

Previews

White Background



This preview shows how the Yxy color 26.6092, 0.2780, 0.3659 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 26.6092, 0.2780, 0.3659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

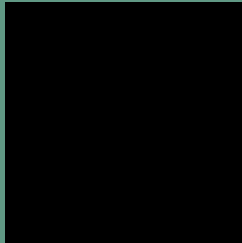
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.6092, 0.2780, 0.3659

Background



This preview shows how black text looks on a background with the Yxy color 26.6092, 0.2780, 0.3659.



This preview shows how white text looks on a background with the Yxy color 26.6092, 0.2780, 0.3659.

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

26.6092, 0.2780, 0.3659

Protanopia

26.3735, 0.3338, 0.3522

Deuteranopia

26.4255, 0.3364, 0.3307



Tritanopia

26.6014, 0.2609, 0.3081

Trichromacy



Original Color

26.6092, 0.2780, 0.3659

Protanomaly

26.0942, 0.3114, 0.3568

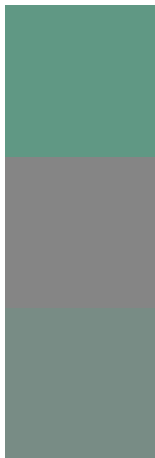
Deuteranomaly

26.1356, 0.3121, 0.3426

Tritanomaly

26.4062, 0.2664, 0.3271

Monochromacy



Original Color

26.6092, 0.2780, 0.3659

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

24.4427, 0.2984, 0.3415

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6092, 0.2780, 0.3659 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(96, 152, 132)` looks like.

```
.text, #text, p{  
    color:rgb(96, 152, 132)  
}
```

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(96, 152, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 152, 132) }
```

Border

The CSS property to change the border of an element to Yxy 26.6092, 0.2780, 0.3659 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(96, 152, 132) }
```

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

```
.border{ border-color:rgb(96, 152, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 152, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 152, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 152, 132);  
box-shadow:4px 4px 4px 4px rgb(96, 152,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6092, 0.2780, 0.3659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 152, 132) }
```

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

```
.background{ background-color: rgb(96, 152,  
132) }
```

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