

Converting Colors

$Y_{xy}(28.1233, 0.3012, 0.3605)$

Have a look what the booklet for
Yxy(28.1233, 0.3012, 0.3605)
contains.

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Color

Yxy(28.0376, 0.3014, 0.3601)

Conversions

Conversions Part 1

Format	Color
Hex	7B9785
RGB	123, 151, 133
RGB Percent	48%, 59%, 52%
CMY	0.5176, 0.4078, 0.4785
CMYK	0.19, 0.00, 0.12, 0.41
HSL	141°, 12%, 54%
HSV	141°, 19%, 59%
XYZ	23.4672, 28.0376, 26.3558
YIQ	140.5760, -10.9100, -11.5340

Conversions

Conversions Part 2

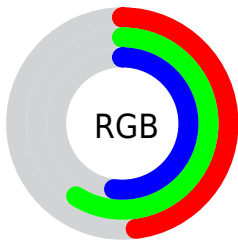
Format	Color
R_{YB}	123, 144, 151
Decimal	8099717
CIE _{Lab}	59.92, -13.58, 6.26
CIE _{LCh}	60, 14.952, 155.258
Yxy	28.0376, 0.3014, 0.3601
Android (android.graphics.Color)	4286289797 (0xFF7B9785)
YUV	140.5760, -3.7350, -15.4142
Hunter-Lab	52.9505, -13.5539, 7.5541

Details

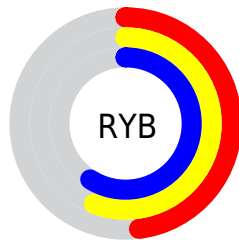
The Yxy color $28.0376, 0.3014, 0.3601$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $22.6701, 0.3261, 0.2998$, and the grayscale version is $26.4795, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.4379, 0.3041, 0.3531$, and $11.2103, 0.2967, 0.3703$ is the 20% darker color. If you saturate the color by 10%, you get $26.7533, 0.2956, 0.3796$, and if you desaturate by 10%, it is $29.5209, 0.3075, 0.3425$.

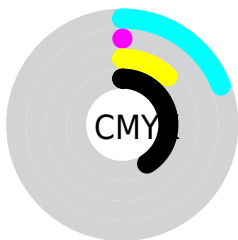
Distribution



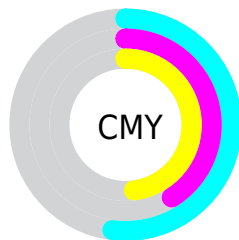
- Red (48%)
- Green (59%)
- Blue (52%)



- Red (48%)
- Yellow (56%)
- Blue (59%)



- Cyan (19%)
- Magenta (0%)
- Yellow (12%)
- Black (41%)




- Cyan (52%)
- Magenta (41%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.0376, 0.3014, 0.3601 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 28.0376, 0.3014, 0.3601 by changing the saturation by 10% instead.

 28.0376, 0.3014,
0.3601


 28.0376, 0.3014,
0.3601


292.6465, 0.3077,
0.3429


 18.3540, 0.2996,
0.3651


 56.5445, 0.3039,
0.3534

 11.2044, 0.2970,
0.3719


 76.1365, 0.3047,
0.3510

 6.2045, 0.2933,
0.3819

 99.8002, 0.3055,
0.3491

 2.9698, 0.2872,
0.3980

127.9199, 0.3061,
0.3474

 1.1160, 0.2754,
0.4314

160.8800, 0.3066,
0.3460

 0.0000, 0.0000,
0.0000

199.0648, 0.3070,

0.3448

242.8589, 0.3074,
0.3438

■ 28.0376, 0.3014,
0.3601

■ 28.0376, 0.3014,
0.3601

■ 26.7533, 0.2956,
0.3796

■ 29.5209, 0.3075,
0.3425

■ 25.6559, 0.2903,
0.4010

■ 31.2078, 0.3136,
0.3268

■ 24.7376, 0.2857,
0.4239

■ 33.1068, 0.3197,
0.3130

■ 23.9883, 0.2823,
0.4480

■ 35.2251, 0.3256,
0.3008

■ 23.3970, 0.2802,
0.4725

■ 37.5697, 0.3312,
0.2902

■ 22.9516, 0.2798,
0.4965

■ 40.1469, 0.3366,
0.2808

■ 22.6376, 0.2811,
0.5191

■ 42.9630, 0.3417,
0.2727

■ 22.4269, 0.2837,
0.5396

■ 46.0241, 0.3465,
0.2657

■ 22.3993, 0.2840,
0.5424

■ 48.5876, 0.3475,
0.2586

Harmonies

Analogous

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



28.0376, 0.3262, 0.3719



28.0376, 0.3014, 0.3601



28.0376, 0.2802, 0.3390

Triad

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



28.0376, 0.3014, 0.3601



28.0376, 0.2776, 0.2885



28.0376, 0.3598, 0.3392

Complementary

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



28.0376, 0.3014, 0.3601



22.6701, 0.3261, 0.2998

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.



28.0376, 0.3458, 0.3184



28.0376, 0.3014, 0.3601



28.0376, 0.2978, 0.2898

Square

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



28.0376, 0.3014, 0.3601



28.0376, 0.2669, 0.2975



28.0376, 0.3228, 0.3006



28.0376, 0.3606, 0.3584

Rectangle

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



28.0376, 0.3014, 0.3601



28.0376, 0.2707, 0.3233



28.0376, 0.3228, 0.3006



28.0376, 0.3565, 0.3322

Sweetspot

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



28.0388, 0.3014, 0.3601



53.5626, 0.3090, 0.3385



29.2457, 0.3293, 0.3752



12.1354, 0.3086, 0.3395



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.



28.0388, 0.3014, 0.3601



49.2724, 0.2991, 0.3675



28.4465, 0.2893, 0.3360



6.9601, 0.3070, 0.3437



19.0592, 0.2837, 0.5413



0.2914, 0.2608, 0.4590

Inverse Universe

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



22.6701, 0.3261, 0.2998



37.9501, 0.3294, 0.2934



22.2836, 0.3425, 0.3221



6.2863, 0.3189, 0.3148



6.3405, 0.4332, 0.2160



0.1017, 0.3746, 0.1837

Previews

White Background



This preview shows how the Yxy color 28.0376, 0.3014, 0.3601 looks on a white background.

Color Contrast Check

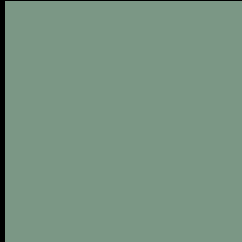
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.0376, 0.3014, 0.3601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

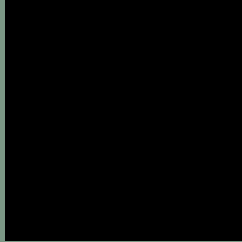
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.0376, 0.3014, 0.3601

Background



This preview shows how black text looks on a background with the Yxy color 28.0376, 0.3014, 0.3601.

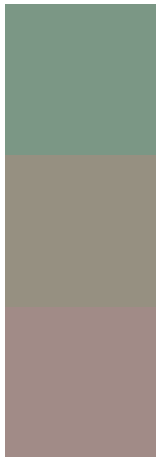


This preview shows how white text looks on a background with the Yxy color 28.0376, 0.3014, 0.3601.

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

28.0376, 0.3014, 0.3601

Protanopia

28.0155, 0.3343, 0.3533

Deuteranopia

27.7916, 0.3415, 0.3353



Tritanopia

27.9598, 0.2831, 0.3093

Trichromacy



Original Color

28.0376, 0.3014, 0.3601

Protanomaly

28.0546, 0.3219, 0.3572

Deuteranomaly

27.5692, 0.3261, 0.3437

Tritanomaly

27.8174, 0.2891, 0.3256

Monochromacy



Original Color

28.0376, 0.3014, 0.3601

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

27.1541, 0.3080, 0.3407

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.0376, 0.3014, 0.3601 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(123, 151, 133)` looks like.

```
.text, #text, p{  
    color:rgb(123, 151, 133)  
}
```

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(123, 151, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 151, 133) }
```

Border

The CSS property to change the border of an element to Yxy 28.0376, 0.3014, 0.3601 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(123, 151, 133) }
```

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

```
.border{ border-color:rgb(123, 151, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 151, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 151, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 151, 133);  
box-shadow:4px 4px 4px 4px rgb(123, 151,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 28.0376, 0.3014, 0.3601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 151, 133) }
```

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

```
.background{ background-color: rgb(123,  
151, 133) }
```

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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