

Converting Colors

$Yxy(28.5659, 0.3072, 0.3645)$

Have a look what the booklet for
Yxy(28.5659, 0.3072, 0.3645)
contains.

Yxy(28.6072, 0.3071, 0.3648)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

$\text{Yxy}(28.6072, 0.3071, 0.3648)$

Conversions

Conversions Part 1

Format	Color
Hex	7F9883
RGB	127, 152, 131
RGB Percent	50%, 60%, 51%
CMY	0.5018, 0.4039, 0.4862
CMYK	0.16, 0.00, 0.14, 0.40
HSL	130°, 11%, 55%
HSV	130°, 16%, 60%
XYZ	24.0824, 28.6072, 25.7292
YIQ	142.1310, -8.1590, -11.8310

Conversions

Conversions Part 2

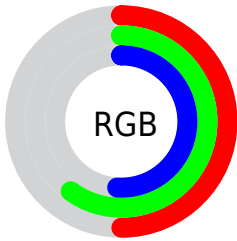
Format	Color
R_{YB}	127, 149, 152
Decimal	8362115
CIE _{Lab}	60.43, -13.06, 8.13
CIE _{LCh}	60, 15.389, 148.091
Yxy	28.6072, 0.3071, 0.3648
Android (android.graphics.Color)	4286552195 (0xFF7F9883)
YUV	142.1310, -5.4876, -13.2699
Hunter-Lab	53.4857, -13.2287, 8.9186

Details

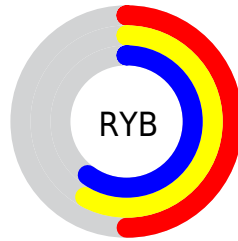
The Yxy color $28.6072, 0.3071, 0.3648$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $24.0029, 0.3189, 0.2957$, and the grayscale version is $27.1329, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.3066, 0.3084, 0.3567$, and $11.5363, 0.3048, 0.3773$ is the 20% darker color. If you saturate the color by 10%, you get $27.2021, 0.3037, 0.3902$, and if you desaturate by 10%, it is $30.2336, 0.3105, 0.3421$.

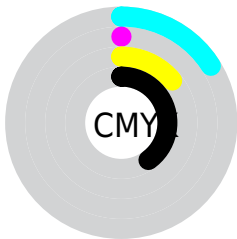
Distribution



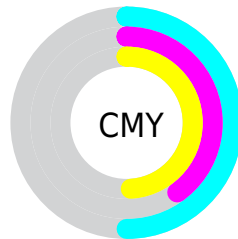
- Red (50%)
- Green (60%)
- Blue (51%)



- Red (50%)
- Yellow (58%)
- Blue (60%)



- Cyan (16%)
- Magenta (0%)
- Yellow (14%)
- Black (40%)



- Cyan (50%)
- Magenta (40%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.6072, 0.3071, 0.3648 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 28.6072, 0.3071, 0.3648 by changing the saturation by 10% instead.


 28.6072, 0.3071,
0.3648


 28.6072, 0.3071,
0.3648


295.3571, 0.3103,
0.3450


 18.7839, 0.3061,
0.3705


 57.4524, 0.3084,
0.3571

 11.5142, 0.3047,
0.3783


 77.2431, 0.3089,
0.3544

 6.4138, 0.3025,
0.3897


 101.1250, 0.3092,
0.3521

 3.0983, 0.2989,
0.4080

129.4826, 0.3095,
0.3502

 1.1833, 0.2938,
0.4463

162.7002, 0.3098,
0.3486

 0.0480, 0.0000,
1.0000

201.1622, 0.3100,

 0.0000, 0.0000,

0.3473

0.0000

245.2530, 0.3102,
0.3461

■ 28.6072, 0.3071,
0.3648

■ 28.6072, 0.3071,
0.3648

■ 27.2021, 0.3037,
0.3902

■ 30.2336, 0.3105,
0.3421

■ 26.0052, 0.3004,
0.4180

■ 32.0864, 0.3139,
0.3221

■ 25.0077, 0.2975,
0.4477

■ 34.1752, 0.3171,
0.3046

■ 24.1985, 0.2952,
0.4784

■ 36.5079, 0.3202,
0.2894

■ 23.5658, 0.2937,
0.5086

■ 39.0922, 0.3230,
0.2762

■ 23.0960, 0.2933,
0.5366

■ 41.9352, 0.3256,
0.2648

■ 22.7738, 0.2939,
0.5605

■ 45.0438, 0.3280,
0.2549

■ 22.5769, 0.2953,
0.5790

■ 48.4247, 0.3303,
0.2464

■ 22.5209, 0.2957,
0.5844

■ 50.3701, 0.3248,
0.2367

Harmonies

Analogous

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



28.6072, 0.3324, 0.3738



28.6072, 0.3071, 0.3648



28.6072, 0.2840, 0.3449

Triad

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



28.6072, 0.3071, 0.3648



28.6072, 0.2732, 0.2888



28.6072, 0.3586, 0.3342

Complementary

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



28.6072, 0.3071, 0.3648



24.0029, 0.3189, 0.2957

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.



28.6072, 0.3415, 0.3133



28.6072, 0.3071, 0.3648



28.6072, 0.2919, 0.2877

Square

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



28.6072, 0.3071, 0.3648



28.6072, 0.2650, 0.3005



28.6072, 0.3168, 0.2966



28.6072, 0.3628, 0.3548

Rectangle

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



28.6072, 0.3071, 0.3648



28.6072, 0.2727, 0.3288



28.6072, 0.3168, 0.2966



28.6072, 0.3541, 0.3271

Sweetspot

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



28.6084, 0.3071, 0.3648



53.7788, 0.3110, 0.3393



30.3068, 0.3326, 0.3690



12.1776, 0.3108, 0.3407



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.



28.6084, 0.3071, 0.3648



49.4703, 0.3057, 0.3746



28.9604, 0.2962, 0.3436



6.9408, 0.3096, 0.3482



18.8885, 0.2954, 0.5835



0.2859, 0.2795, 0.5263

Inverse Universe

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



24.0029, 0.3189, 0.2957



39.6458, 0.3206, 0.2873



23.6353, 0.3327, 0.3149



6.3067, 0.3160, 0.3105



6.9035, 0.3646, 0.1782



0.1072, 0.3425, 0.1661

Previews

White Background



This preview shows how the Yxy color 28.6072, 0.3071, 0.3648 looks on a white background.

Color Contrast Check

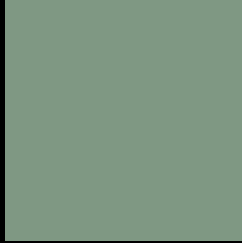
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.6072, 0.3071, 0.3648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

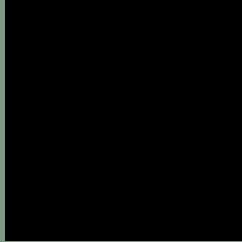
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.6072, 0.3071, 0.3648

Background



This preview shows how black text looks on a background with the Yxy color 28.6072, 0.3071, 0.3648.



This preview shows how white text looks on a background with the Yxy color 28.6072, 0.3071, 0.3648.

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

28.6072, 0.3071, 0.3648

Protanopia

28.4585, 0.3384, 0.3579

Deuteranopia

28.3421, 0.3468, 0.3398



Tritanopia

28.6234, 0.2861, 0.3096

Trichromacy



Original Color

28.6072, 0.3071, 0.3648

Protanomaly

28.5780, 0.3269, 0.3619

Deuteranomaly

28.1918, 0.3323, 0.3483

Tritanomaly

28.4106, 0.2938, 0.3289

Monochromacy



Original Color

28.6072, 0.3071, 0.3648

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

27.7111, 0.3111, 0.3423

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.6072, 0.3071, 0.3648 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(127, 152, 131)` looks like.

```
.text, #text, p{  
  color:rgb(127, 152, 131)  
}
```

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(127, 152, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 152, 131) }
```

Border

The CSS property to change the border of an element to Yxy 28.6072, 0.3071, 0.3648 is called "border". The border property can be set on classes, ids or directly on the HTML element.

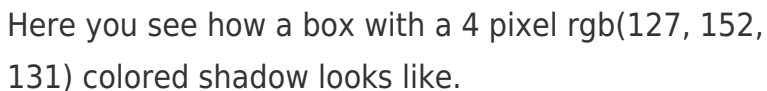
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(127, 152, 131) }
```

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

```
.border{ border-color:rgb(127, 152, 131) }
```

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



Here you see how a box with a 4 pixel `rgb(127, 152, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 152, 131); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 152, 131); box-shadow:4px 4px 4px 4px rgb(127, 152, 131) }
```


Background

The CSS property to change the background color of an element to Yxy 28.6072, 0.3071, 0.3648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 152, 131) }
```

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

```
.background{ background-color: rgb(127,  
152, 131) }
```

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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