

Converting Colors

$Y_{xy}(27.0458, 0.2985, 0.3567)$

Have a look what the booklet for
Yxy(27.0458, 0.2985, 0.3567)
contains.

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Color

Yxy(27.1814, 0.2985, 0.3570)

Conversions

Conversions Part 1

Format	Color
Hex	789585
RGB	120, 149, 133
RGB Percent	47%, 58%, 52%
CMY	0.5293, 0.4157, 0.4785
CMYK	0.19, 0.00, 0.11, 0.42
HSL	147°, 12%, 53%
HSV	147°, 19%, 58%
XYZ	22.7273, 27.1814, 26.2297
YIQ	138.5050, -12.1480, -11.1240

Conversions

Conversions Part 2

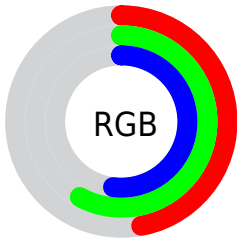
Format	Color
R_{YB}	120, 140, 149
Decimal	7902597
CIE _{Lab}	59.14, -13.55, 5.11
CIE _{LCh}	59, 14.478, 159.328
Yxy	27.1814, 0.2985, 0.3570
Android (android.graphics.Color)	4286092677 (0xFF789585)
YUV	138.5050, -2.7140, -16.2289
Hunter-Lab	52.1358, -13.4250, 6.6661

Details

The Yxy color **27.1814, 0.2985, 0.3570** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.6063, 0.3300, 0.3026**, and the grayscale version is **25.6340, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.1413, 0.3019, 0.3508**, and **10.7151, 0.2925, 0.3659** is the 20% darker color. If you saturate the color by 10%, you get **25.9797, 0.2916, 0.3737**, and if you desaturate by 10%, it is **28.5690, 0.3057, 0.3419**.

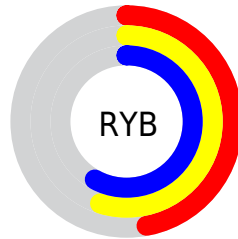
Distribution



Red (47%)

Green (58%)

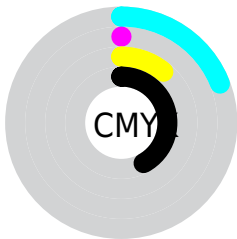
Blue (52%)



Red (47%)

Yellow (55%)

Blue (58%)

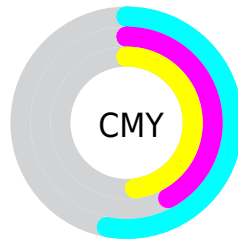


Cyan (19%)

Magenta (0%)

Yellow (11%)

Black (42%)



Cyan (53%)


Magenta (42%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.1814, 0.2985, 0.3570 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 27.1814, 0.2985, 0.3570 by changing the saturation by 10% instead.


 27.1814, 0.2985,
0.3570


 27.1814, 0.2985,
0.3570


288.5344, 0.3064,
0.3415


 17.7095, 0.2962,
0.3615


 55.1748, 0.3016,
0.3509

 10.7416, 0.2931,
0.3677


 74.4651, 0.3027,
0.3488

 5.8934, 0.2885,
0.3769

 97.7970, 0.3036,
0.3470

 2.7804, 0.2810,
0.3916

125.5549, 0.3043,
0.3456

 1.0182, 0.2637,
0.4253

158.1232, 0.3049,
0.3443

 0.0000, 0.0000,
0.0000

195.8863, 0.3055,

0.3432

239.2285, 0.3060,
0.3423

■ 27.1814, 0.2985,
0.3570

■ 27.1814, 0.2985,
0.3570

■ 25.9797, 0.2916,
0.3737

■ 28.5690, 0.3057,
0.3419

■ 24.9525, 0.2854,
0.3920

■ 30.1467, 0.3131,
0.3283

■ 24.0923, 0.2801,
0.4116

■ 31.9227, 0.3205,
0.3163

■ 23.3895, 0.2760,
0.4322

■ 33.9038, 0.3277,
0.3056

■ 22.8339, 0.2735,
0.4534

■ 36.0963, 0.3348,
0.2963

■ 22.4136, 0.2727,
0.4745

■ 38.5064, 0.3415,
0.2881

■ 22.1151, 0.2738,
0.4949

■ 41.1401, 0.3480,
0.2809

■ 21.9065, 0.2763,
0.5142

■ 44.0028, 0.3541,
0.2747

■ 21.8958, 0.2764,
0.5152

■ 47.1002, 0.3598,
0.2692

Harmonies

Analogous

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



27.1814, 0.3227, 0.3701



27.1814, 0.2985, 0.3570



27.1814, 0.2786, 0.3357

Triad

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



27.1814, 0.2985, 0.3570



27.1814, 0.2806, 0.2889



27.1814, 0.3597, 0.3418

Complementary

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



27.1814, 0.2985, 0.3570



21.6063, 0.3300, 0.3026

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.



27.1814, 0.3476, 0.3213



27.1814, 0.2985, 0.3570



27.1814, 0.3013, 0.2916

Square

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



27.1814, 0.2985, 0.3570



27.1814, 0.2686, 0.2964



27.1814, 0.3259, 0.3032



27.1814, 0.3586, 0.3600

Rectangle

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



27.1814, 0.2985, 0.3570



27.1814, 0.2703, 0.3204



27.1814, 0.3259, 0.3032



27.1814, 0.3570, 0.3349

Sweetspot

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



27.1825, 0.2985, 0.3570



52.0644, 0.3082, 0.3372



28.1232, 0.3274, 0.3780



11.5034, 0.3078, 0.3380



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



27.1825, 0.2985, 0.3570



47.7757, 0.2957, 0.3635



27.5985, 0.2861, 0.3322



6.5089, 0.3059, 0.3415



18.4339, 0.2761, 0.5140



0.2314, 0.2534, 0.4321

Inverse Universe

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



21.6063, 0.3300, 0.3026



36.0604, 0.3343, 0.2969



21.2313, 0.3472, 0.3258



5.8658, 0.3201, 0.3168



5.9015, 0.4691, 0.2358



0.0782, 0.3911, 0.1928

Previews

White Background



This preview shows how the Yxy color 27.1814, 0.2985, 0.3570 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 27.1814, 0.2985, 0.3570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

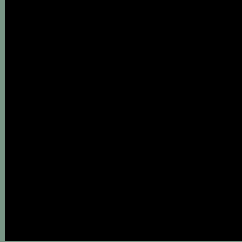
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

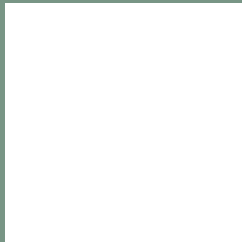
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 27.1814, 0.2985, 0.3570

Background



This preview shows how black text looks on a background with the Yxy color 27.1814, 0.2985, 0.3570.

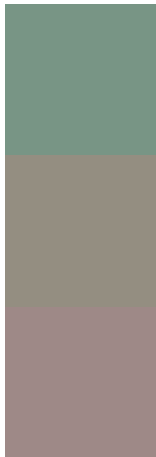


This preview shows how white text looks on a background with the Yxy color 27.1814, 0.2985, 0.3570.

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

27.1814, 0.2985, 0.3570

Protanopia

27.2269, 0.3325, 0.3502

Deuteranopia

26.9097, 0.3385, 0.3322



Tritanopia

27.2772, 0.2810, 0.3106

Trichromacy



Original Color

27.1814, 0.2985, 0.3570

Protanomaly

27.2658, 0.3200, 0.3542

Deuteranomaly

26.7003, 0.3231, 0.3406

Tritanomaly

27.2165, 0.2879, 0.3272

Monochromacy



Original Color

27.1814, 0.2985, 0.3570

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

26.3566, 0.3070, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.1814, 0.2985, 0.3570 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(120, 149, 133)` looks like.

```
.text, #text, p{  
    color:rgb(120, 149, 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(120, 149, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 149, 133) }
```

Border

The CSS property to change the border of an element to Yxy 27.1814, 0.2985, 0.3570 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(120, 149, 133) }
```

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

```
.border{ border-color:rgb(120, 149, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 149, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 149, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 149, 133);  
box-shadow:4px 4px 4px 4px rgb(120, 149,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 27.1814, 0.2985, 0.3570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 149, 133) }
```

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

```
.background{ background-color: rgb(120,  
149, 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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