

Converting Colors

$Y_{xy}(28.5140, 0.2840, 0.3610)$

Have a look what the booklet for
Yxy(28.5140, 0.2840, 0.3610)
contains.

Yxy(28.4370, 0.2844, 0.3607)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

$Yxy(28.4370, 0.2844, 0.3607)$

Conversions

Conversions Part 1

Format	Color
Hex	6C9B89
RGB	108, 155, 137
RGB Percent	42%, 61%, 54%
CMY	0.5765, 0.3921, 0.4627
CMYK	0.30, 0.00, 0.12, 0.39
HSL	157°, 19%, 52%
HSV	157°, 30%, 61%
XYZ	22.4216, 28.4370, 27.9797
YIQ	138.8950, -22.2340, -15.5620

Conversions

Conversions Part 2

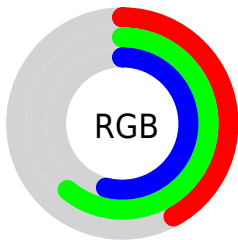
Format	Color
RYB	108, 137, 155
Decimal	7117705
CIELab	60.28, -19.86, 4.37
CIELCh	60, 20.330, 167.595
Yxy	28.4370, 0.2844, 0.3607
Android (android.graphics.Color)	4285307785 (0xFF6C9B89)
YUV	138.8950, -0.9342, -27.0949
Hunter-Lab	53.3264, -18.2689, 6.2197

Details

The Yxy color $28.4370, 0.2844, 0.3607$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $19.1995, 0.3533, 0.2996$, and the grayscale version is $25.7870, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.3880, 0.2908, 0.3548$, and $11.4883, 0.2742, 0.3743$ is the 20% darker color. If you saturate the color by 10%, you get $27.3856, 0.2764, 0.3731$, and if you desaturate by 10%, it is $29.6729, 0.2932, 0.3492$.

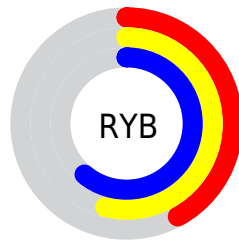
Distribution



Red (42%)

Green (61%)

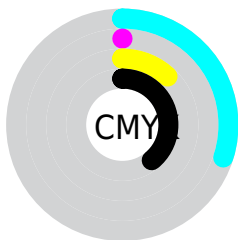
Blue (54%)



Red (42%)

Yellow (54%)

Blue (61%)

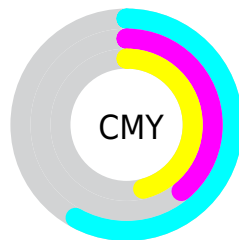


Cyan (30%)

Magenta (0%)

Yellow (12%)

Black (39%)



Cyan (58%)

Magenta (39%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.4370, 0.2844, 0.3607 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 28.4370, 0.2844, 0.3607 by changing the saturation by 10% instead.

■ 28.4370, 0.2844,
0.3607

■ 28.4370, 0.2844,
0.3607

■ 294.5492, 0.2999,
0.3432

■ 18.6553, 0.2800,
0.3657

■ 57.1814, 0.2904,
0.3539

■ 11.4215, 0.2741,
0.3726

■ 76.9129, 0.2925,
0.3515

■ 6.3511, 0.2655,
0.3826

■ 100.7298, 0.2943,
0.3495

■ 3.0597, 0.2521,
0.3986

■ 129.0165, 0.2957,
0.3478

■ 1.1630, 0.2216,
0.4317

■ 162.1574, 0.2970,
0.3464

■ 0.0312, 0.0000,
1.0000

■ 200.5369, 0.2981,

■ 0.0000, 0.0000,

0.3452

0.0000

244.5394, 0.2990,
0.3442

■ 28.4370, 0.2844,
0.3607

■ 28.4370, 0.2844,
0.3607

■ 27.3856, 0.2764,
0.3731

■ 29.6729, 0.2932,
0.3492

■ 26.5058, 0.2696,
0.3864

■ 31.0984, 0.3026,
0.3387

■ 25.7887, 0.2642,
0.4004


■ 32.7228, 0.3124,
0.3293

■ 25.2231, 0.2606,
0.4148

■ 34.5536, 0.3223,
0.3208

■ 24.7962, 0.2588,
0.4294

■ 36.5980, 0.3321,
0.3133


 24.4931, 0.2590,
0.4439

 38.8628, 0.3418,
0.3067

 24.2824, 0.2605,
0.4577

 41.3546, 0.3512,
0.3008

 44.0796, 0.3603,
0.2957

 47.0439, 0.3690,
0.2913

Harmonies

Analogous

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



28.4370, 0.3167, 0.3833



28.4370, 0.2844, 0.3607



28.4370, 0.2605, 0.3289

Triad

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



28.4370, 0.2844, 0.3607



28.4370, 0.2753, 0.2740



28.4370, 0.3795, 0.3532

Complementary

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



28.4370, 0.2844, 0.3607



19.1995, 0.3533, 0.2996

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.



28.4370, 0.3674, 0.3255



28.4370, 0.2844, 0.3607



28.4370, 0.3059, 0.2815

Square

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



28.4370, 0.2844, 0.3607



28.4370, 0.2555, 0.2799



28.4370, 0.3399, 0.2999



28.4370, 0.3724, 0.3766

Rectangle

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



28.4370, 0.2844, 0.3607



28.4370, 0.2520, 0.3082



28.4370, 0.3399, 0.2999



28.4370, 0.3775, 0.3441

Sweetspot

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



28.4382, 0.2844, 0.3607



56.0080, 0.3038, 0.3376



28.9631, 0.3265, 0.4105



12.5920, 0.3024, 0.3390



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



28.4382, 0.2844, 0.3607



49.6892, 0.2792, 0.3685



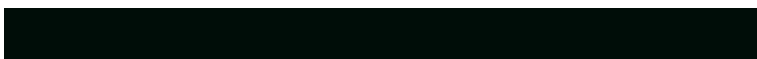
27.2141, 0.2691, 0.3194



6.9865, 0.3037, 0.3376



19.5106, 0.2602, 0.4565



0.2987, 0.2430, 0.3948

Inverse Universe

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



19.1995, 0.3533, 0.2996



30.5849, 0.3652, 0.2931



19.9696, 0.3758, 0.3383



6.2598, 0.3227, 0.3205



5.8604, 0.5394, 0.2745



0.0944, 0.4378, 0.2186

Previews

White Background



This preview shows how the Yxy color 28.4370, 0.2844, 0.3607 looks on a white background.

Color Contrast Check

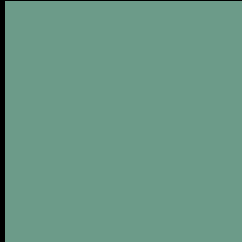
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.4370, 0.2844, 0.3607 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

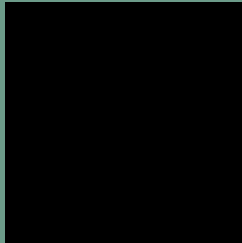
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.4370, 0.2844, 0.3607

Background



This preview shows how black text looks on a background with the Yxy color 28.4370, 0.2844, 0.3607.

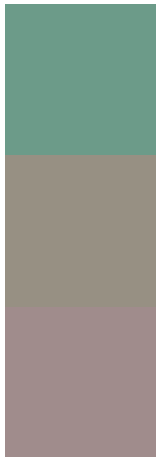


This preview shows how white text looks on a background with the Yxy color 28.4370, 0.2844, 0.3607.

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

28.4370, 0.2844, 0.3607

Protanopia

28.1645, 0.3334, 0.3499

Deuteranopia

28.1232, 0.3347, 0.3291



Tritanopia

28.3550, 0.2682, 0.3089

Trichromacy



Original Color

28.4370, 0.2844, 0.3607

Protanomaly

28.0242, 0.3136, 0.3541

Deuteranomaly

27.7776, 0.3144, 0.3388

Tritanomaly

28.2343, 0.2737, 0.3255

Monochromacy



Original Color

28.4370, 0.2844, 0.3607

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

26.6750, 0.3018, 0.3409

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.4370, 0.2844, 0.3607 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(108, 155, 137)` looks like.

```
.text, #text, p{  
    color:rgb(108, 155, 137)  
}
```

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(108, 155, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 155, 137) }
```

Border

The CSS property to change the border of an element to Yxy 28.4370, 0.2844, 0.3607 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(108, 155, 137) }
```

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

```
.border{ border-color:rgb(108, 155, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 155, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 155, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 155, 137);  
box-shadow:4px 4px 4px 4px rgb(108, 155,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 28.4370, 0.2844, 0.3607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 155, 137) }
```

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

```
.background{ background-color: rgb(108,  
155, 137) }
```

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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