

Converting Colors

$Yxy(28.5422, 0.2769, 0.3663)$

Have a look what the booklet for
Yxy(28.5422, 0.2769, 0.3663)
contains.

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Color

Yxy(28.4882, 0.2773, 0.3667)

Conversions

Conversions Part 1

Format	Color
Hex	629D88
RGB	98, 157, 136
RGB Percent	38%, 62%, 53%
CMY	0.6154, 0.3843, 0.4667
CMYK	0.38, 0.00, 0.13, 0.38
HSL	159°, 23%, 50%
HSV	159°, 38%, 62%
XYZ	21.5429, 28.4882, 27.6569
YIQ	136.9650, -28.4230, -19.0390

Conversions

Conversions Part 2

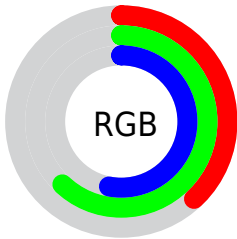
Format	Color
R_{YB}	98, 134, 157
Decimal	6462856
CIE _{Lab}	60.33, -24.14, 4.94
CIE _{LCh}	60, 24.642, 168.442
Yxy	28.4882, 0.2773, 0.3667
Android (android.graphics.Color)	4284652936 (0xFF629D88)
YUV	136.9650, -0.4757, -34.1723
Hunter-Lab	53.3743, -21.3591, 6.6398

Details

The Yxy color **28.4882, 0.2773, 0.3667** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.2475, 0.3693, 0.2947**, and the grayscale version is **25.0178, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.3404, 0.2850, 0.3592**, and **11.3794, 0.2646, 0.3810** is the 20% darker color. If you saturate the color by 10%, you get **27.5445, 0.2699, 0.3788**, and if you desaturate by 10%, it is **29.6138, 0.2858, 0.3554**.

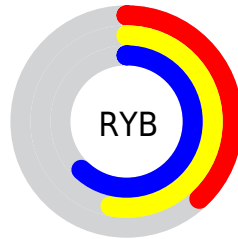
Distribution



Red (38%)

Green (62%)

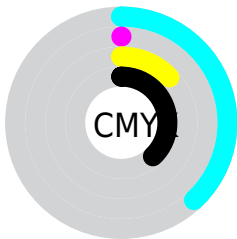
Blue (53%)



Red (38%)

Yellow (53%)

Blue (62%)

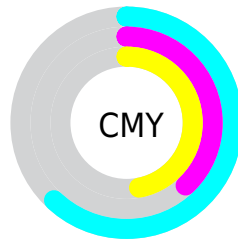


Cyan (38%)

Magenta (0%)

Yellow (13%)

Black (38%)



Cyan (62%)


Magenta (38%)


Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.4882, 0.2773, 0.3667 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 28.4882, 0.2773, 0.3667 by changing the saturation by 10% instead.


 28.4882, 0.2773,
0.3667


 28.4882, 0.2773,
0.3667


294.7924, 0.2966,
0.3459


 18.6940, 0.2718,
0.3727


 57.2629, 0.2848,
0.3586


 11.4494, 0.2644,
0.3809


 77.0123, 0.2874,
0.3557

 6.3699, 0.2537,
0.3929


 100.8487, 0.2896,
0.3533

 3.0713, 0.2370,
0.4122

 129.1568, 0.2915,
0.3514

 1.1691, 0.1938,
0.4556

162.3208, 0.2931,
0.3497

 0.0362, 0.0000,
1.0000

200.7251, 0.2944,

 0.0000, 0.0000,

0.3482

0.0000

244.7542, 0.2956,
0.3470

■ 28.4882, 0.2773,
0.3667

■ 28.4882, 0.2773,
0.3667

■ 27.5445, 0.2699,
0.3788

■ 29.6138, 0.2858,
0.3554

■ 26.7691, 0.2638,
0.3916

■ 30.9273, 0.2952,
0.3450

■ 26.1519, 0.2595,
0.4048


■ 32.4384, 0.3051,
0.3355


■ 25.6802, 0.2569,
0.4183


■ 34.1554, 0.3152,
0.3270


■ 25.3395, 0.2564,
0.4318

■ 36.0858, 0.3255,
0.3193

 25.1049, 0.2575,
0.4451

 38.2371, 0.3357,
0.3126

 25.0527, 0.2579,
0.4484

 40.6160, 0.3458,
0.3066

 43.2293, 0.3555,
0.3013

 46.0833, 0.3649,
0.2967

Harmonies

Analogous

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



28.4882, 0.3159, 0.3951



28.4882, 0.2773, 0.3667



28.4882, 0.2493, 0.3272

Triad

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



28.4882, 0.2773, 0.3667



28.4882, 0.2685, 0.2633



28.4882, 0.3938, 0.3582

Complementary

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



28.4882, 0.2773, 0.3667



17.2475, 0.3693, 0.2947

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.



28.4882, 0.3799, 0.3253



28.4882, 0.2773, 0.3667



28.4882, 0.3053, 0.2727

Square

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



28.4882, 0.2773, 0.3667



28.4882, 0.2446, 0.2693



28.4882, 0.3466, 0.2949



28.4882, 0.3842, 0.3866

Rectangle

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



28.4882, 0.2773, 0.3667



28.4882, 0.2397, 0.3023



28.4882, 0.3466, 0.2949



28.4882, 0.3917, 0.3474

Sweetspot

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



28.4894, 0.2773, 0.3667



57.0632, 0.3014, 0.3389



28.9641, 0.3281, 0.4327



12.4820, 0.3001, 0.3401



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.



28.4894, 0.2773, 0.3667



49.5955, 0.2710, 0.3767



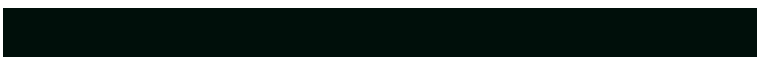
26.5720, 0.2596, 0.3151



7.4693, 0.3033, 0.3371



20.3566, 0.2576, 0.4474



0.3718, 0.2428, 0.3941

Inverse Universe

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



17.2475, 0.3693, 0.2947



26.5110, 0.3881, 0.2872



18.3419, 0.3967, 0.3423



6.6832, 0.3231, 0.3211



6.0596, 0.5502, 0.2805



0.1160, 0.4505, 0.2255

Previews

White Background



This preview shows how the Yxy color 28.4882, 0.2773, 0.3667 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 28.4882, 0.2773, 0.3667 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

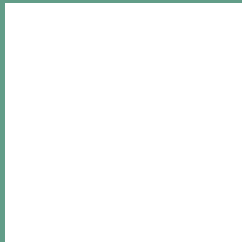
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 28.4882, 0.2773, 0.3667

Background



This preview shows how black text looks on a background with the Yxy color 28.4882, 0.2773, 0.3667.

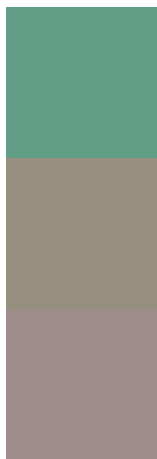


This preview shows how white text looks on a background with the Yxy color 28.4882, 0.2773, 0.3667.

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

28.4882, 0.2773, 0.3667

Protanopia

28.1108, 0.3354, 0.3532

Deuteranopia

28.2267, 0.3359, 0.3291



Tritanopia

28.5023, 0.2600, 0.3087

Trichromacy



Original Color

28.4882, 0.2773, 0.3667

Protanomaly

28.0664, 0.3114, 0.3577

Deuteranomaly

27.8251, 0.3111, 0.3406

Tritanomaly

28.2691, 0.2660, 0.3289

Monochromacy



Original Color

28.4882, 0.2773, 0.3667

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

25.9636, 0.2977, 0.3412

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.4882, 0.2773, 0.3667 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(98, 157, 136)` looks like.

```
.text, #text, p{  
  color:rgb(98, 157, 136)  
}
```

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(98, 157, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 157, 136) }
```

Border

The CSS property to change the border of an element to Yxy 28.4882, 0.2773, 0.3667 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(98, 157, 136) }
```

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

```
.border{ border-color:rgb(98, 157, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 157, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 157, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 157, 136);  
box-shadow:4px 4px 4px 4px rgb(98, 157,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 28.4882, 0.2773, 0.3667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 157, 136) }
```

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

```
.background{ background-color: rgb(98, 157,  
136) }
```

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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