

Converting Colors

$Y_{xy}(28.1812, 0.2752, 0.3460)$

Have a look what the booklet for
Yxy(28.1812, 0.2752, 0.3460)
contains.

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Color

Yxy(28.0986, 0.2745, 0.3447)

Conversions

Conversions Part 1

Format	Color
Hex	689A91
RGB	104, 154, 145
RGB Percent	41%, 60%, 57%
CMY	0.5922, 0.3961, 0.4313
CMYK	0.32, 0.00, 0.06, 0.40
HSL	169°, 20%, 51%
HSV	169°, 32%, 60%
XYZ	22.3762, 28.0986, 31.0413
YIQ	138.0240, -26.9110, -13.3990

Conversions

Conversions Part 2

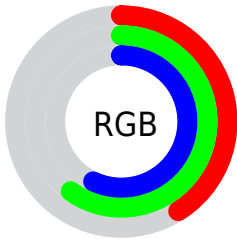
Format	Color
RYB	104, 131, 154
Decimal	6855313
CIELab	59.98, -18.76, -0.63
CIElCh	60, 18.766, 181.938
Yxy	28.0986, 0.2745, 0.3447
Android (android.graphics.Color)	4285045393 (0xFF689A91)
YUV	138.0240, 3.4392, -29.8390
Hunter-Lab	53.0081, -17.4145, 2.3857

Details

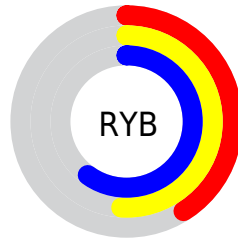
The Yxy color **28.0986, 0.2745, 0.3447** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.9616, 0.3717, 0.3141**, and the grayscale version is **25.4202, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.8925, 0.2825, 0.3418**, and **11.3110, 0.2611, 0.3500** is the 20% darker color. If you saturate the color by 10%, you get **27.1765, 0.2648, 0.3503**, and if you desaturate by 10%, it is **29.1933, 0.2854, 0.3394**.

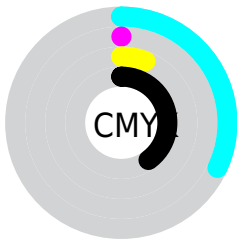
Distribution



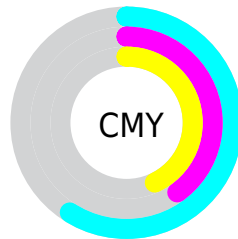
- Red (41%)
- Green (60%)
- Blue (57%)



- Red (41%)
- Yellow (51%)
- Blue (60%)



- Cyan (32%)
- Magenta (0%)
- Yellow (6%)
- Black (40%)





- Cyan (59%)
- Magenta (40%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.0986, 0.2745, 0.3447 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 28.0986, 0.2745, 0.3447 by changing the saturation by 10% instead.


 28.0986, 0.2745,
0.3447


 28.0986, 0.2745,
0.3447


292.9378, 0.2951,
0.3363

 18.4000, 0.2688,
0.3470


 56.6418, 0.2824,
0.3415

 11.2375, 0.2611,
0.3501


 76.2552, 0.2852,
0.3403

 6.2268, 0.2501,
0.3545

 99.9424, 0.2876,
0.3394

 2.9835, 0.2332,
0.3612

 128.0876, 0.2896,
0.3386

 1.1231, 0.1980,
0.3755

161.0754, 0.2913,
0.3379

 0.0000, 0.0000,
0.0000

199.2901, 0.2927,

0.3373

243.1161, 0.2940,
0.3367

■ 28.0986, 0.2745,
0.3447

■ 28.0986, 0.2745,
0.3447

■ 27.1765, 0.2648,
0.3503

■ 29.1933, 0.2854,
0.3394

■ 26.4145, 0.2565,
0.3563

■ 30.4658, 0.2972,
0.3345

■ 25.8037, 0.2498,
0.3624


■ 31.9250, 0.3096,
0.3300


■ 25.3327, 0.2449,
0.3687


■ 33.5785, 0.3224,
0.3260

■ 24.9889, 0.2419,
0.3751

■ 35.4332, 0.3353,
0.3224


 24.7571, 0.2407,
0.3814

 37.4958, 0.3482,
0.3191

 24.6273, 0.2406,
0.3862

 39.7728, 0.3609,
0.3163

 42.2702, 0.3733,
0.3138

 44.9938, 0.3853,
0.3117

Harmonies

Analogous

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



28.0986, 0.3017, 0.3708



28.0986, 0.2745, 0.3447



28.0986, 0.2579, 0.3151

Triad

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



28.0986, 0.2745, 0.3447



28.0986, 0.2907, 0.2797



28.0986, 0.3736, 0.3629

Complementary

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



28.0986, 0.2745, 0.3447



17.9616, 0.3717, 0.3141

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.



28.0986, 0.3708, 0.3383



28.0986, 0.2745, 0.3447



28.0986, 0.3217, 0.2919

Square

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



28.0986, 0.2745, 0.3447



28.0986, 0.2668, 0.2791



28.0986, 0.3514, 0.3129



28.0986, 0.3593, 0.3802

Rectangle

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



28.0986, 0.2745, 0.3447



28.0986, 0.2544, 0.2982



28.0986, 0.3514, 0.3129



28.0986, 0.3747, 0.3552

Sweetspot

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



28.0997, 0.2745, 0.3447



55.9136, 0.2999, 0.3335



27.6328, 0.3172, 0.4197



12.5807, 0.2983, 0.3341



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.



28.0997, 0.2745, 0.3447



49.7884, 0.2673, 0.3488



23.5007, 0.2642, 0.3006



7.0075, 0.3012, 0.3330



20.0687, 0.2405, 0.3857



0.3044, 0.2327, 0.3576

Inverse Universe

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



17.9616, 0.3717, 0.3141



28.4231, 0.3913, 0.3107



21.2619, 0.3766, 0.3556



6.2399, 0.3256, 0.3250



5.6682, 0.6081, 0.3124



0.0887, 0.5186, 0.2630

Previews

White Background



This preview shows how the Yxy color 28.0986, 0.2745, 0.3447 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 28.0986, 0.2745, 0.3447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

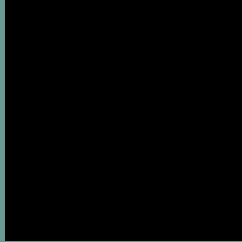
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

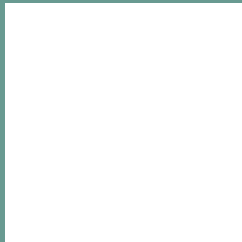
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 28.0986, 0.2745, 0.3447

Background



This preview shows how black text looks on a background with the Yxy color 28.0986, 0.2745, 0.3447.

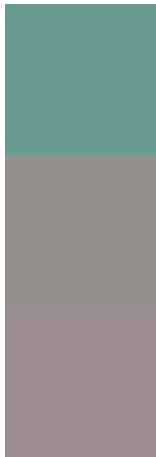


This preview shows how white text looks on a background with the Yxy color 28.0986, 0.2745, 0.3447.

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

28.0986, 0.2745, 0.3447

Protanopia

27.8049, 0.3221, 0.3355

Deuteranopia

27.9622, 0.3220, 0.3166



Tritanopia

27.9657, 0.2633, 0.3086

Trichromacy



Original Color

28.0986, 0.2745, 0.3447

Protanomaly

27.6961, 0.3030, 0.3390

Deuteranomaly

27.6757, 0.3025, 0.3257

Tritanomaly

27.9826, 0.2680, 0.3220

Monochromacy



Original Color

28.0986, 0.2745, 0.3447

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

26.3052, 0.2970, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.0986, 0.2745, 0.3447 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(104, 154, 145)` looks like.

```
.text, #text, p{  
    color:rgb(104, 154, 145)  
}
```

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(104, 154, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 154, 145) }
```

Border

The CSS property to change the border of an element to Yxy 28.0986, 0.2745, 0.3447 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(104, 154, 145) }
```

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

```
.border{ border-color:rgb(104, 154, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 154, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 154, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 154, 145);  
box-shadow:4px 4px 4px 4px rgb(104, 154,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 28.0986, 0.2745, 0.3447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 154, 145) }
```

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

```
.background{ background-color: rgb(104,  
154, 145) }
```

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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