

Converting Colors

$Y_{xy}(28.7045, 0.2904, 0.3646)$

Have a look what the booklet for
Yxy(28.7045, 0.2904, 0.3646)
contains.

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Color

$\text{Yxy}(28.7027, 0.2904, 0.3640)$

Conversions

Conversions Part 1	
Format	Color
Hex	719B87
RGB	113, 155, 135
RGB Percent	44%, 61%, 53%
CMY	0.5571, 0.3921, 0.4706
CMYK	0.27, 0.00, 0.13, 0.39
HSL	151°, 17%, 53%
HSV	151°, 27%, 61%
XYZ	22.8991, 28.7027, 27.2518
YIQ	140.1620, -18.6120, -15.1240

Conversions

Conversions Part 2

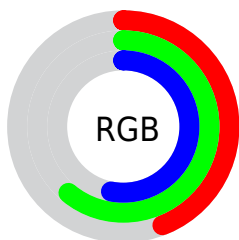
Format	Color
RYB	113, 141, 155
Decimal	7445383
CIELab	60.52, -18.70, 5.89
CIELCh	61, 19.604, 162.521
Yxy	28.7027, 0.2904, 0.3640
Android (android.graphics.Color)	4285635463 (0xFF719B87)
YUV	140.1620, -2.5449, -23.8211
Hunter-Lab	53.5749, -17.4613, 7.3436

Details

The Yxy color $28.7027, 0.2904, 0.3640$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $20.4614, 0.3428, 0.2966$, and the grayscale version is $26.3037, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.8310, 0.2956, 0.3572$, and $11.6465, 0.2832, 0.3789$ is the 20% darker color. If you saturate the color by 10%, you get $27.5619, 0.2831, 0.3793$, and if you desaturate by 10%, it is $30.0358, 0.2983, 0.3500$.

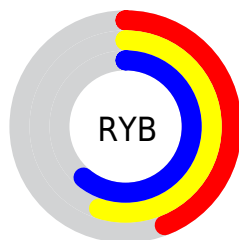
Distribution



Red (44%)

Green (61%)

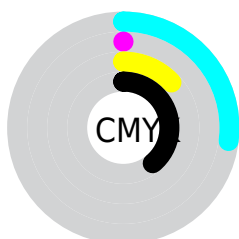
Blue (53%)



Red (44%)

Yellow (55%)

Blue (61%)

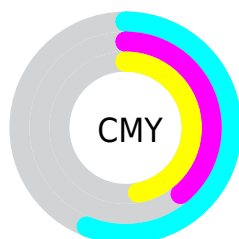


Cyan (27%)

Magenta (0%)

Yellow (13%)

Black (39%)



Cyan (56%)


Magenta (39%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.7027, 0.2904, 0.3640 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 28.7027, 0.2904, 0.3640 by changing the saturation by 10% instead.

 28.7027, 0.2904,
0.3640


 28.7027, 0.2904,
0.3640

295.8096, 0.3027,
0.3447

 18.8560, 0.2869,
0.3696


 57.6044, 0.2952,
0.3565


 11.5663, 0.2821,
0.3772


 77.4282, 0.2968,
0.3538

 6.4491, 0.2752,
0.3884


 101.3465, 0.2982,
0.3516

 3.1200, 0.2642,
0.4063

 129.7438, 0.2994,
0.3498

 1.1947, 0.2407,
0.4423

163.0043, 0.3004,
0.3482

 0.0574, 0.0000,
1.0000

201.5125, 0.3013,

 0.0000, 0.0000,


0.3469

0.0000

245.6528, 0.3020,
0.3457

 28.7027, 0.2904,
0.3640


 28.7027, 0.2904,
0.3640

 27.5619, 0.2831,
0.3793


 30.0358, 0.2983,
0.3500


 26.6007, 0.2768,
0.3958


 31.5664, 0.3067,
0.3373

 25.8103, 0.2718,
0.4133


 33.3035, 0.3152,
0.3259


 25.1797, 0.2683,
0.4314


 35.2548, 0.3237,
0.3157


 24.6964, 0.2666,
0.4497


 37.4275, 0.3320,
0.3068


 24.3462, 0.2669,
0.4679

 39.8285, 0.3402,
0.2989

 24.1060, 0.2689,
0.4854

 42.4642, 0.3481,
0.2920

 24.0451, 0.2695,
0.4903

 45.3410, 0.3556,
0.2860

 48.4650, 0.3627,
0.2807

Harmonies

Analogous

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



28.7027, 0.3221, 0.3832



28.7027, 0.2904, 0.3640



28.7027, 0.2655, 0.3342

Triad

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



28.7027, 0.2904, 0.3640



28.7027, 0.2727, 0.2761



28.7027, 0.3762, 0.3480

Complementary

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



28.7027, 0.2904, 0.3640



20.4614, 0.3428, 0.2966

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.



28.7027, 0.3617, 0.3213



28.7027, 0.2904, 0.3640



28.7027, 0.3007, 0.2811

Square

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



28.7027, 0.2904, 0.3640



28.7027, 0.2557, 0.2840



28.7027, 0.3335, 0.2974



28.7027, 0.3725, 0.3717

Rectangle

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



28.7027, 0.2904, 0.3640



28.7027, 0.2557, 0.3139



28.7027, 0.3335, 0.2974



28.7027, 0.3733, 0.3391

Sweetspot

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



28.7039, 0.2904, 0.3640



56.2244, 0.3058, 0.3385



29.6480, 0.3295, 0.4001



12.6335, 0.3046, 0.3402



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.



28.7039, 0.2904, 0.3640



50.0270, 0.2856, 0.3738



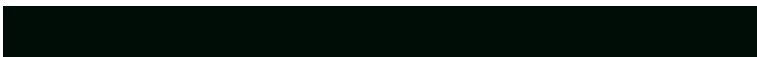
29.0891, 0.2741, 0.3277



6.9769, 0.3049, 0.3398



19.3170, 0.2691, 0.4889



0.2961, 0.2487, 0.4152

Inverse Universe

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



20.4614, 0.3428, 0.2966



32.5757, 0.3525, 0.2884



20.1169, 0.3691, 0.3303



6.2692, 0.3213, 0.3185



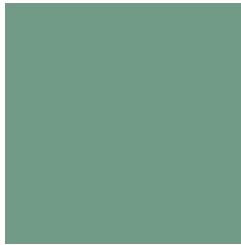
5.9995, 0.5013, 0.2535



0.0970, 0.4115, 0.2041

Previews

White Background



This preview shows how the Yxy color 28.7027, 0.2904, 0.3640 looks on a white background.

Color Contrast Check

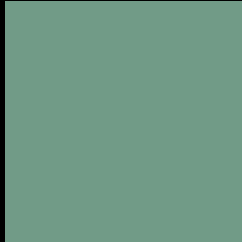
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.7027, 0.2904, 0.3640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

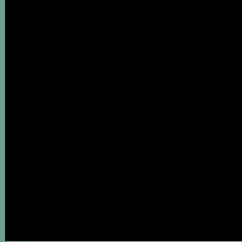
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.7027, 0.2904, 0.3640

Background



This preview shows how black text looks on a background with the Yxy color 28.7027, 0.2904, 0.3640.

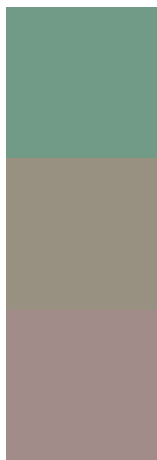


This preview shows how white text looks on a background with the Yxy color 28.7027, 0.2904, 0.3640.

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

28.7027, 0.2904, 0.3640

Protanopia

28.5379, 0.3353, 0.3530

Deuteranopia

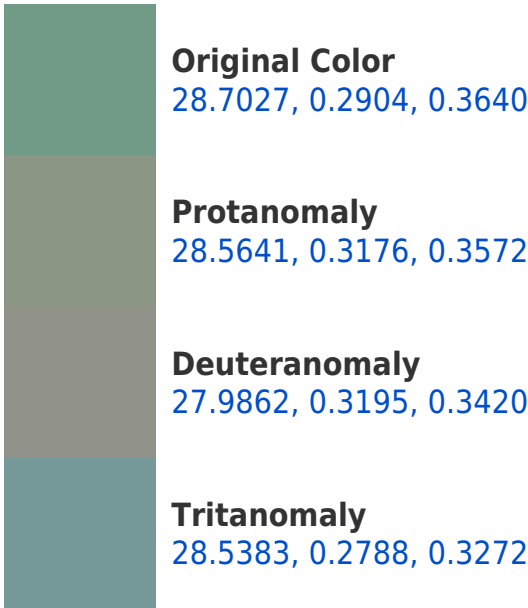
28.2725, 0.3391, 0.3322



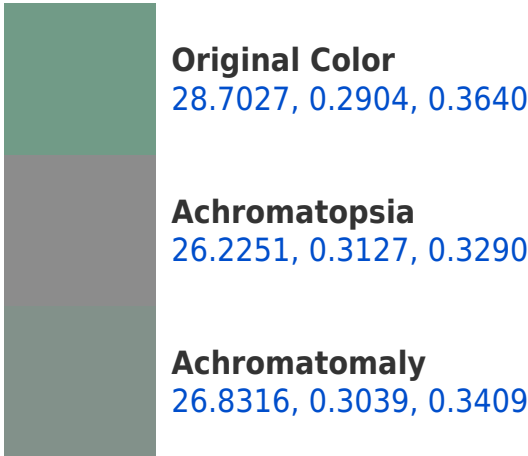
Tritanopia

28.6995, 0.2723, 0.3091

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.7027, 0.2904, 0.3640 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(113, 155, 135)` looks like.

```
.text, #text, p{  
    color:rgb(113, 155, 135)  
}
```

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(113, 155, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 155, 135) }
```

Border

The CSS property to change the border of an element to Yxy 28.7027, 0.2904, 0.3640 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(113, 155, 135) }
```

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

```
.border{ border-color:rgb(113, 155, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 155, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 155, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 155, 135);  
box-shadow:4px 4px 4px 4px rgb(113, 155,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 28.7027, 0.2904, 0.3640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 155, 135) }
```

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

```
.background{ background-color: rgb(113,  
155, 135) }
```

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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