

Converting Colors

$Y_{xy}(28.5627, 0.2746, 0.3419)$

Have a look what the booklet for
Yxy(28.5627, 0.2746, 0.3419)
contains.

Yxy(28.6134, 0.2748, 0.3428)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

$\text{Yxy}(28.6134, 0.2748, 0.3428)$

Conversions

Conversions Part 1

Format	Color
Hex	6A9B93
RGB	106, 155, 147
RGB Percent	42%, 61%, 58%
CMY	0.5841, 0.3922, 0.4235
CMYK	0.32, 0.00, 0.05, 0.39
HSL	170°, 20%, 51%
HSV	170°, 32%, 61%
XYZ	22.9375, 28.6134, 31.9188
YIQ	139.4370, -26.6360, -12.8760

Conversions

Conversions Part 2

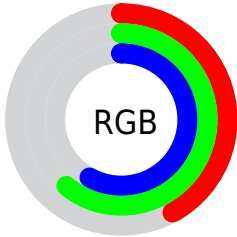
Format	Color
R_{YB}	106, 133, 155
Decimal	6986643
CIE _{Lab}	60.44, -18.18, -1.07
CIE _{LCh}	60, 18.214, 183.362
Yxy	28.6134, 0.2748, 0.3428
Android (android.graphics.Color)	4285176723 (0xFF6A9B93)
YUV	139.4370, 3.7286, -29.3242
Hunter-Lab	53.4915, -17.0683, 2.0652

Details

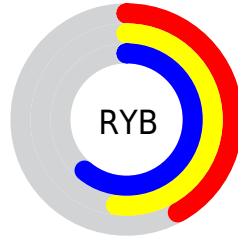
The Yxy color **28.6134, 0.2748, 0.3428** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.5055, 0.3707, 0.3159**, and the grayscale version is **25.9947, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.6812, 0.2826, 0.3404**, and **11.6044, 0.2614, 0.3471** is the 20% darker color. If you saturate the color by 10%, you get **27.6700, 0.2648, 0.3479**, and if you desaturate by 10%, it is **29.7326, 0.2860, 0.3380**.

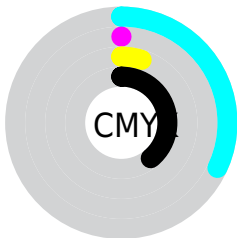
Distribution



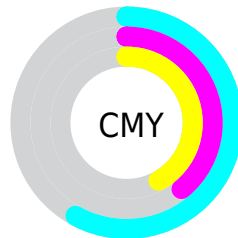
- Red (42%)
- Green (61%)
- Blue (58%)



- Red (42%)
- Yellow (52%)
- Blue (61%)



- Cyan (32%)
- Magenta (0%)
- Yellow (5%)
- Black (39%)





- Cyan (58%)
- Magenta (39%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.6134, 0.2748, 0.3428 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 28.6134, 0.2748, 0.3428 by changing the saturation by 10% instead.


 28.6134, 0.2748,
0.3428


 28.6134, 0.2748,
0.3428


295.3865, 0.2952,
0.3355


 18.7886, 0.2692,
0.3448


 57.4623, 0.2826,
0.3400

 11.5176, 0.2616,
0.3475


 77.2551, 0.2854,
0.3390

 6.4161, 0.2509,
0.3512


 101.1394, 0.2877,
0.3382

 3.0997, 0.2345,
0.3568

 129.4995, 0.2897,
0.3375

 1.1840, 0.2032,
0.3676

162.7199, 0.2914,
0.3368

 0.0486, 0.0000,
0.2758

201.1849, 0.2928,

 0.0000, 0.0000,

0.3363

0.0000

245.2790, 0.2941,
0.3359

■ 28.6134, 0.2748,
0.3428

■ 28.6134, 0.2748,
0.3428

■ 27.6700, 0.2648,
0.3479

■ 29.7326, 0.2860,
0.3380

■ 26.8895, 0.2562,
0.3532

■ 31.0325, 0.2980,
0.3336

■ 26.2631, 0.2493,
0.3588


■ 32.5225, 0.3107,
0.3296


■ 25.7794, 0.2441,
0.3644


■ 34.2099, 0.3237,
0.3259

■ 25.4257, 0.2408,
0.3702


■ 36.1019, 0.3369,
0.3227


 25.1868, 0.2394,
0.3759

 38.2053, 0.3501,
0.3198

 25.0430, 0.2391,
0.3807

 40.5264, 0.3631,
0.3172

 43.0715, 0.3757,
0.3150

 45.8464, 0.3879,
0.3131

Harmonies

Analogous

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



28.6134, 0.3007, 0.3683



28.6134, 0.2748, 0.3428



28.6134, 0.2593, 0.3143

Triad

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



28.6134, 0.2748, 0.3428



28.6134, 0.2928, 0.2816



28.6134, 0.3712, 0.3628

Complementary

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



28.6134, 0.2748, 0.3428



18.5055, 0.3707, 0.3159

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.



28.6134, 0.3693, 0.3393



28.6134, 0.2748, 0.3428



28.6134, 0.3228, 0.2939

Square

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



28.6134, 0.2748, 0.3428



28.6134, 0.2693, 0.2806



28.6134, 0.3512, 0.3145



28.6134, 0.3567, 0.3790

Rectangle

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



28.6134, 0.2748, 0.3428



28.6134, 0.2564, 0.2983



28.6134, 0.3512, 0.3145



28.6134, 0.3724, 0.3555

Sweetspot

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



28.6146, 0.2748, 0.3428



56.1898, 0.3010, 0.3326



28.0738, 0.3163, 0.4170



12.6391, 0.2993, 0.3332



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.



28.6146, 0.2748, 0.3428



50.0079, 0.2675, 0.3464



23.8079, 0.2653, 0.3000



7.0092, 0.3009, 0.3326



20.1220, 0.2390, 0.3802



0.3049, 0.2319, 0.3549

Inverse Universe

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



18.5055, 0.3707, 0.3159



28.9392, 0.3899, 0.3128



22.0208, 0.3740, 0.3561



6.2383, 0.3259, 0.3254



5.6586, 0.6122, 0.3146



0.0882, 0.5271, 0.2677

Previews

White Background



This preview shows how the Yxy color 28.6134, 0.2748, 0.3428 looks on a white background.

Color Contrast Check

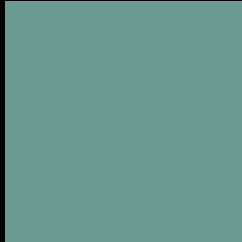
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.6134, 0.2748, 0.3428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

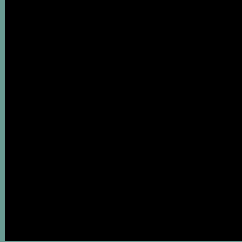
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.6134, 0.2748, 0.3428

Background



This preview shows how black text looks on a background with the Yxy color 28.6134, 0.2748, 0.3428.

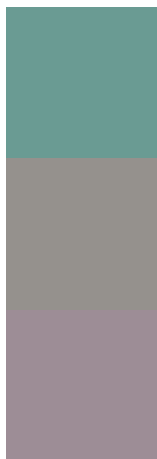


This preview shows how white text looks on a background with the Yxy color 28.6134, 0.2748, 0.3428.

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

28.6134, 0.2748, 0.3428

Protanopia

28.5634, 0.3209, 0.3354

Deuteranopia

28.4199, 0.3209, 0.3152



Tritanopia

28.4881, 0.2636, 0.3072

Trichromacy



Original Color

28.6134, 0.2748, 0.3428

Protanomaly

28.4646, 0.3022, 0.3389

Deuteranomaly

28.1310, 0.3017, 0.3241

Tritanomaly

28.5023, 0.2683, 0.3204

Monochromacy



Original Color

28.6134, 0.2748, 0.3428

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

26.7158, 0.2971, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.6134, 0.2748, 0.3428 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(106, 155, 147)` looks like.

```
.text, #text, p{  
    color:rgb(106, 155, 147)  
}
```

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(106, 155, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 155, 147) }
```

Border

The CSS property to change the border of an element to Yxy 28.6134, 0.2748, 0.3428 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(106, 155, 147) }
```

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

```
.border{ border-color:rgb(106, 155, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 155, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 155, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 155, 147);  
box-shadow:4px 4px 4px 4px rgb(106, 155,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 28.6134, 0.2748, 0.3428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 155, 147) }
```

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

```
.background{ background-color: rgb(106,  
155, 147) }
```

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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