

Converting Colors

$Y_{xy}(28.6982, 0.3007, 0.3544)$

Have a look what the booklet for
Yxy(28.6982, 0.3007, 0.3544)
contains.

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Color

$Y_{xy}(28.6982, 0.3007, 0.3544)$

Conversions

Conversions Part 1

Format	Color
Hex	7E9889
RGB	126, 152, 137
RGB Percent	49%, 60%, 54%
CMY	0.5058, 0.4039, 0.4627
CMYK	0.17, 0.00, 0.10, 0.40
HSL	145°, 11%, 55%
HSV	145°, 17%, 60%
XYZ	24.3497, 28.6982, 27.9289
YIQ	142.5160, -10.6810, -10.1770

Conversions

Conversions Part 2

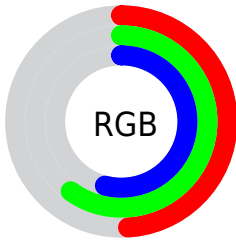
Format	Color
R_YB	126, 144, 152
Decimal	8296585
CIE Lab	60.51, -12.25, 4.85
CIE LCh	61, 13.170, 158.411
Yxy	28.6982, 0.3007, 0.3544
Android (android.graphics.Color)	4286486665 (0xFF7E9889)
YUV	142.5160, -2.7194, -14.4845
Hunter-Lab	53.5707, -12.6143, 6.5888

Details

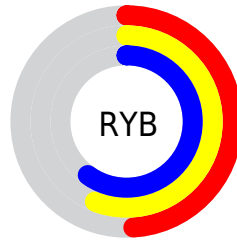
The Yxy color $28.6982, 0.3007, 0.3544$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $23.5227, 0.3269, 0.3049$, and the grayscale version is $27.2812, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.4440, 0.3036, 0.3491$, and $11.5733, 0.2970, 0.3644$ is the 20% darker color. If you saturate the color by 10%, you get $27.3888, 0.2940, 0.3715$, and if you desaturate by 10%, it is $30.2060, 0.3077, 0.3390$.

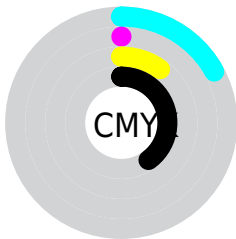
Distribution



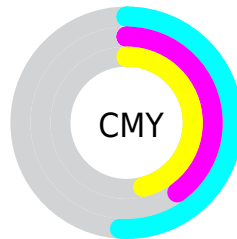
- Red (49%)
- Green (60%)
- Blue (54%)



- Red (49%)
- Yellow (56%)
- Blue (60%)



- Cyan (17%)
- Magenta (0%)
- Yellow (10%)
- Black (40%)





- Cyan (51%)
- Magenta (40%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.6982, 0.3007, 0.3544 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 28.6982, 0.3007, 0.3544 by changing the saturation by 10% instead.


 28.6982, 0.3007,
0.3544


 28.6982, 0.3007,
0.3544


295.7883, 0.3073,
0.3405


 18.8526, 0.2988,
0.3584


 57.5972, 0.3033,
0.3490

 11.5638, 0.2962,
0.3638


 77.4195, 0.3042,
0.3471

 6.4474, 0.2925,
0.3718


 101.3361, 0.3049,
0.3455

 3.1190, 0.2865,
0.3844

129.7315, 0.3056,
0.3441

 1.1942, 0.2755,
0.4075

162.9900, 0.3061,
0.3430

 0.0569, 0.0000,
1.0000

201.4960, 0.3066,

 0.0000, 0.0000,

0.3420

0.0000

245.6340, 0.3070,
0.3412

■ 28.6982, 0.3007,
0.3544

■ 28.6982, 0.3007,
0.3544

■ 27.3888, 0.2940,
0.3715

■ 30.2060, 0.3077,
0.3390

■ 26.2658, 0.2879,
0.3903

■ 31.9165, 0.3148,
0.3252

■ 25.3215, 0.2825,
0.4105

■ 33.8383, 0.3218,
0.3130

■ 24.5460, 0.2783,
0.4319

■ 35.9784, 0.3287,
0.3022

■ 23.9287, 0.2756,
0.4539

■ 38.3436, 0.3353,
0.2928

■ 23.4574, 0.2746,
0.4760

■ 40.9403, 0.3416,
0.2845

■ 23.1184, 0.2754,
0.4973

■ 43.7746, 0.3476,
0.2773

■ 22.8890, 0.2778,
0.5173

■ 46.8524, 0.3533,
0.2710

■ 22.8308, 0.2786,
0.5228

■ 48.6680, 0.3517,
0.2640

Harmonies

Analogous

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



28.6982, 0.3224, 0.3657



28.6982, 0.3007, 0.3544



28.6982, 0.2827, 0.3356

Triad

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



28.6982, 0.3007, 0.3544



28.6982, 0.2835, 0.2931



28.6982, 0.3545, 0.3400

Complementary

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



28.6982, 0.3007, 0.3544



23.5227, 0.3269, 0.3049

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.



28.6982, 0.3433, 0.3216



28.6982, 0.3007, 0.3544



28.6982, 0.3020, 0.2952

Square

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



28.6982, 0.3007, 0.3544



28.6982, 0.2730, 0.3003



28.6982, 0.3239, 0.3055



28.6982, 0.3539, 0.3564

Rectangle

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



28.6982, 0.3007, 0.3544



28.6982, 0.2750, 0.3220



28.6982, 0.3239, 0.3055



28.6982, 0.3520, 0.3339

Sweetspot

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



28.6994, 0.3007, 0.3544



53.8918, 0.3091, 0.3361



29.6407, 0.3262, 0.3717



12.2063, 0.3086, 0.3370



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



28.6994, 0.3007, 0.3544



49.6189, 0.2978, 0.3616



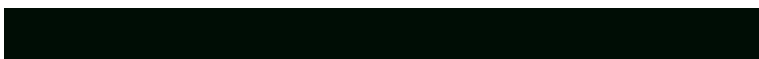
29.0894, 0.2895, 0.3325



6.9668, 0.3062, 0.3421



19.1492, 0.2782, 0.5216



0.2933, 0.2556, 0.4402

Inverse Universe

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



23.5227, 0.3269, 0.3049



38.5143, 0.3312, 0.2985



23.1630, 0.3418, 0.3255



6.2794, 0.3198, 0.3162



6.1891, 0.4599, 0.2307



0.0998, 0.3881, 0.1912

Previews

White Background



This preview shows how the Yxy color 28.6982, 0.3007, 0.3544 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 28.6982, 0.3007, 0.3544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

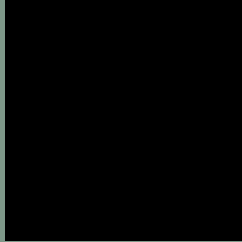
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

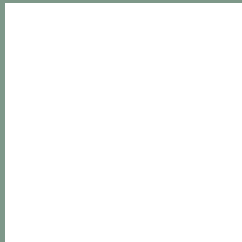
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 28.6982, 0.3007, 0.3544

Background



This preview shows how black text looks on a background with the Yxy color 28.6982, 0.3007, 0.3544.



This preview shows how white text looks on a background with the Yxy color 28.6982, 0.3007, 0.3544.

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

28.6982, 0.3007, 0.3544

Protanopia

28.5236, 0.3311, 0.3482

Deuteranopia

28.5952, 0.3378, 0.3321



Tritanopia

28.7788, 0.2843, 0.3111

Trichromacy



Original Color

28.6982, 0.3007, 0.3544

Protanomaly

28.6518, 0.3200, 0.3519

Deuteranomaly

28.4753, 0.3239, 0.3402

Tritanomaly

28.7468, 0.2903, 0.3256

Monochromacy



Original Color

28.6982, 0.3007, 0.3544

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.7992, 0.3082, 0.3373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.6982, 0.3007, 0.3544 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(126, 152, 137)` looks like.

```
.text, #text, p{  
    color:rgb(126, 152, 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(126, 152, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 152, 137) }
```

Border

The CSS property to change the border of an element to Yxy 28.6982, 0.3007, 0.3544 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(126, 152, 137) }
```

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

```
.border{ border-color:rgb(126, 152, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 152, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 152, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 152, 137);  
box-shadow:4px 4px 4px 4px rgb(126, 152,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 28.6982, 0.3007, 0.3544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 152, 137) }
```

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

```
.background{ background-color: rgb(126,  
152, 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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