

Converting Colors

$Y_{xy}(28.7436, 0.2990, 0.3498)$

Have a look what the booklet for
Yxy(28.7436, 0.2990, 0.3498)
contains.

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Color

Yxy(28.8326, 0.2999, 0.3509)

Conversions

Conversions Part 1

Format	Color
Hex	7F988B
RGB	127, 152, 139
RGB Percent	50%, 60%, 55%
CMY	0.5019, 0.4039, 0.4549
CMYK	0.16, 0.00, 0.09, 0.40
HSL	149°, 11%, 55%
HSV	149°, 16%, 60%
XYZ	24.6421, 28.8326, 28.6929
YIQ	143.0430, -10.7270, -9.3430

Conversions

Conversions Part 2

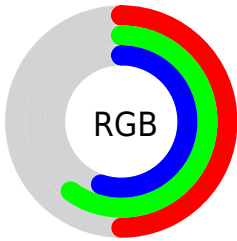
Format	Color
RYB	127, 144, 152
Decimal	8362123
CIELab	60.63, -11.49, 3.90
CIElCh	61, 12.139, 161.244
Yxy	28.8326, 0.2999, 0.3509
Android (android.graphics.Color)	4286552203 (0xFF7F988B)
YUV	143.0430, -1.9932, -14.0697
Hunter-Lab	53.6960, -12.0511, 5.9051

Details

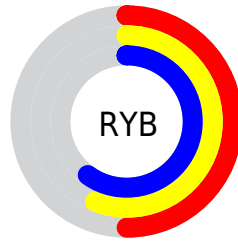
The Yxy color $28.8326, 0.2999, 0.3509$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $23.7510, 0.3278, 0.3081$, and the grayscale version is $27.4989, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.6517, 0.3029, 0.3465$, and $11.6483, 0.2959, 0.3591$ is the 20% darker color. If you saturate the color by 10%, you get $27.5304, 0.2925, 0.3662$, and if you desaturate by 10%, it is $30.3300, 0.3076, 0.3371$.

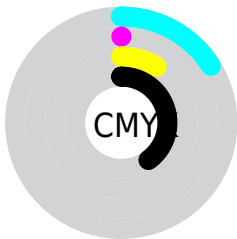
Distribution



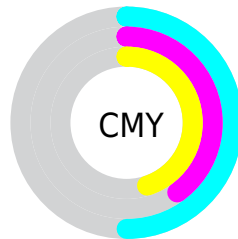
- Red (50%)
- Green (60%)
- Blue (55%)



- Red (50%)
- Yellow (56%)
- Blue (60%)



- Cyan (16%)
- Magenta (0%)
- Yellow (9%)
- Black (40%)





- Cyan (50%)
- Magenta (40%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.8326, 0.2999, 0.3509 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 28.8326, 0.2999, 0.3509 by changing the saturation by 10% instead.

 28.8326, 0.2999,
0.3509


 28.8326, 0.2999,
0.3509


296.4243, 0.3069,
0.3389


 18.9542, 0.2979,
0.3543


 57.8110, 0.3026,
0.3463

 11.6372, 0.2952,
0.3590


 77.6798, 0.3036,
0.3446

 6.4972, 0.2913,
0.3657


 101.6476, 0.3044,
0.3432

 3.1497, 0.2852,
0.3764

130.0987, 0.3050,
0.3421

 1.2104, 0.2741,
0.3958

163.4175, 0.3056,
0.3411

 0.0701, 0.0000,
1.0000

201.9885, 0.3061,

 0.0000, 0.0000,

0.3403

0.0000

246.1959, 0.3065,
0.3396

■ 28.8326, 0.2999,
0.3509

■ 28.8326, 0.2999,
0.3509

■ 27.5304, 0.2925,
0.3662

■ 30.3300, 0.3076,
0.3371

■ 26.4116, 0.2857,
0.3829

■ 32.0267, 0.3155,
0.3248

■ 25.4686, 0.2797,
0.4009

■ 33.9312, 0.3234,
0.3138

■ 24.6918, 0.2750,
0.4201

■ 36.0504, 0.3311,
0.3042

■ 24.0707, 0.2717,
0.4399

■ 38.3909, 0.3385,
0.2957

■ 23.5935, 0.2702,
0.4599

■ 40.9589, 0.3457,
0.2883

■ 23.2467, 0.2706,
0.4796

■ 43.7606, 0.3525,
0.2818

■ 23.0100, 0.2727,
0.4984

■ 46.8017, 0.3590,
0.2761

■ 22.9369, 0.2736,
0.5049

■ 48.3780, 0.3571,
0.2695

Harmonies

Analogous

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



28.8326, 0.3198, 0.3621



28.8326, 0.2999, 0.3509



28.8326, 0.2838, 0.3334

Triad

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



28.8326, 0.2999, 0.3509



28.8326, 0.2872, 0.2957



28.8326, 0.3515, 0.3408

Complementary

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



28.8326, 0.2999, 0.3509



23.7510, 0.3278, 0.3081

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.



28.8326, 0.3423, 0.3238



28.8326, 0.2999, 0.3509



28.8326, 0.3047, 0.2984

Square

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



28.8326, 0.2999, 0.3509



28.8326, 0.2766, 0.3016



28.8326, 0.3249, 0.3085



28.8326, 0.3500, 0.3555

Rectangle

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



28.8326, 0.2999, 0.3509



28.8326, 0.2772, 0.3210



28.8326, 0.3249, 0.3085



28.8326, 0.3496, 0.3352

Sweetspot

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



28.8338, 0.2999, 0.3509



53.9162, 0.3087, 0.3354



29.5943, 0.3243, 0.3701



12.2125, 0.3082, 0.3362



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.



28.8338, 0.2999, 0.3509



49.9456, 0.2969, 0.3568



29.2095, 0.2893, 0.3303



6.9725, 0.3055, 0.3408



19.2381, 0.2732, 0.5037



0.2949, 0.2516, 0.4258

Inverse Universe

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



23.7510, 0.3278, 0.3081



39.1184, 0.3322, 0.3028



23.4117, 0.3419, 0.3277



6.2737, 0.3207, 0.3175



6.0776, 0.4829, 0.2434



0.0982, 0.4007, 0.1981

Previews

White Background



This preview shows how the Yxy color 28.8326, 0.2999, 0.3509 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 28.8326, 0.2999, 0.3509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

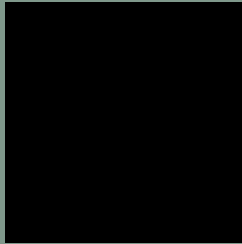
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

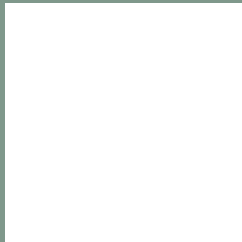
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 28.8326, 0.2999, 0.3509

Background



This preview shows how black text looks on a background with the Yxy color 28.8326, 0.2999, 0.3509.

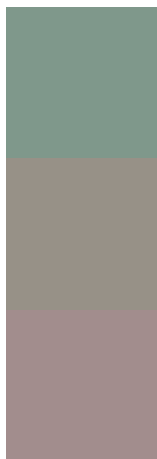


This preview shows how white text looks on a background with the Yxy color 28.8326, 0.2999, 0.3509.

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

28.8326, 0.2999, 0.3509

Protanopia

28.5794, 0.3291, 0.3450

Deuteranopia

28.6542, 0.3357, 0.3291



Tritanopia

28.8934, 0.2844, 0.3096

Trichromacy



Original Color

28.8326, 0.2999, 0.3509

Protanomaly

28.7082, 0.3180, 0.3486

Deuteranomaly

28.5338, 0.3219, 0.3370

Tritanomaly

28.8584, 0.2904, 0.3240

Monochromacy



Original Color

28.8326, 0.2999, 0.3509

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.8291, 0.3072, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.8326, 0.2999, 0.3509 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(127, 152, 139)` looks like.

```
.text, #text, p{  
    color:rgb(127, 152, 139)  
}
```

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(127, 152, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 152, 139) }
```

Border

The CSS property to change the border of an element to Yxy 28.8326, 0.2999, 0.3509 is called "border". The border property can be set on classes, ids or directly on the HTML element.

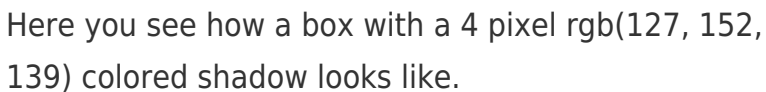
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(127, 152, 139) }
```

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

```
.border{ border-color:rgb(127, 152, 139) }
```

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



Here you see how a box with a 4 pixel `rgb(127, 152, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 152, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 152, 139); box-shadow:4px 4px 4px 4px rgb(127, 152, 139) }
```


Background

The CSS property to change the background color of an element to Yxy 28.8326, 0.2999, 0.3509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 152, 139) }
```

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

```
.background{ background-color: rgb(127,  
152, 139) }
```

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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