

Converting Colors

$Y_{xy}(28.6253, 0.2966, 0.3465)$

Have a look what the booklet for
Yxy(28.6253, 0.2966, 0.3465)
contains.

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Color

Yxy(28.8152, 0.2972, 0.3475)

Conversions

Conversions Part 1

Format	Color
Hex	7E988D
RGB	126, 152, 141
RGB Percent	49%, 60%, 55%
CMY	0.5057, 0.4039, 0.4471
CMYK	0.17, 0.00, 0.07, 0.40
HSL	155°, 11%, 55%
HSV	155°, 17%, 60%
XYZ	24.6443, 28.8152, 29.4620
YIQ	142.9720, -11.9650, -8.9330

Conversions

Conversions Part 2

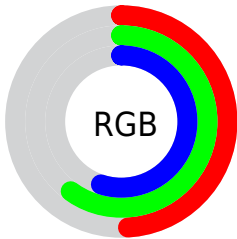
Format	Color
R _Y B	126, 142, 152
Decimal	8296589
CIE Lab	60.62, -11.42, 2.74
CIE LCh	61, 11.743, 166.501
Yxy	28.8152, 0.2972, 0.3475
Android (android.graphics.Color)	4286486669 (0xFF7E988D)
YUV	142.9720, -0.9722, -14.8844
Hunter-Lab	53.6798, -11.9908, 5.0347

Details

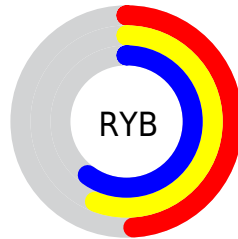
The Yxy color $28.8152, 0.2972, 0.3475$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $23.4137, 0.3314, 0.3112$, and the grayscale version is $27.4671, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.6664, 0.3002, 0.3427$, and $11.6405, 0.2920, 0.3540$ is the 20% darker color. If you saturate the color by 10%, you get $27.5608, 0.2887, 0.3599$, and if you desaturate by 10%, it is $30.2588, 0.3062, 0.3363$.

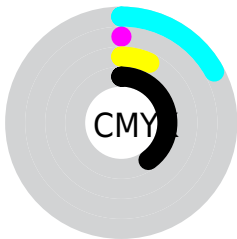
Distribution



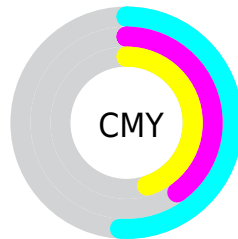
- Red (49%)
- Green (60%)
- Blue (55%)



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



- Cyan (17%)
- Magenta (0%)
- Yellow (7%)
- Black (40%)





- Cyan (51%)
- Magenta (40%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.8152, 0.2972, 0.3475 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 28.8152, 0.2972, 0.3475 by changing the saturation by 10% instead.

 28.8152, 0.2972,
0.3475


 28.8152, 0.2972,
0.3475


296.3420, 0.3056,
0.3374

 18.9411, 0.2948,
0.3504

 57.7833, 0.3004,
0.3436

 11.6277, 0.2916,
0.3543


 77.6461, 0.3016,
0.3422

 6.4907, 0.2870,
0.3599


 101.6073, 0.3026,
0.3411

 3.1457, 0.2798,
0.3688

130.0512, 0.3034,
0.3401

 1.2083, 0.2670,
0.3847

163.3622, 0.3041,
0.3393

 0.0684, 0.0000,
1.0000

201.9248, 0.3047,

 0.0000, 0.0000,

0.3386

0.0000

246.1232, 0.3052,
0.3379

■ 28.8152, 0.2972,
0.3475

■ 28.8152, 0.2972,
0.3475

■ 27.5608, 0.2887,
0.3599

■ 30.2588, 0.3062,
0.3363

■ 26.4838, 0.2808,
0.3734

■ 31.8954, 0.3154,
0.3262

■ 25.5768, 0.2740,
0.3879

■ 33.7335, 0.3247,
0.3172

■ 24.8303, 0.2685,
0.4032

■ 35.7799, 0.3338,
0.3092

■ 24.2339, 0.2646,
0.4192

■ 38.0409, 0.3428,
0.3022

■ 23.7760, 0.2624,
0.4354

■ 40.5228, 0.3514,
0.2960

■ 23.4430, 0.2623,
0.4515

■ 43.2315, 0.3597,
0.2906

■ 23.2130, 0.2639,
0.4673

■ 46.1727, 0.3677,
0.2859

■ 23.1529, 0.2644,
0.4719

■ 47.8356, 0.3681,
0.2805

Harmonies

Analogous

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



28.8152, 0.3161, 0.3597



28.8152, 0.2972, 0.3475



28.8152, 0.2827, 0.3300

Triad

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



28.8152, 0.2972, 0.3475



28.8152, 0.2906, 0.2966



28.8152, 0.3508, 0.3432

Complementary

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



28.8152, 0.2972, 0.3475



23.4137, 0.3314, 0.3112

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.



28.8152, 0.3435, 0.3269



28.8152, 0.2972, 0.3475



28.8152, 0.3084, 0.3006

Square

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



28.8152, 0.2972, 0.3475



28.8152, 0.2789, 0.3009



28.8152, 0.3278, 0.3115



28.8152, 0.3474, 0.3566

Rectangle

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



28.8152, 0.2972, 0.3475



28.8152, 0.2773, 0.3183



28.8152, 0.3278, 0.3115



28.8152, 0.3495, 0.3379

Sweetspot

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



28.8164, 0.2972, 0.3475



53.9581, 0.3080, 0.3342



29.3047, 0.3221, 0.3722



12.2233, 0.3074, 0.3349



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.



28.8164, 0.2972, 0.3475



50.0978, 0.2943, 0.3515



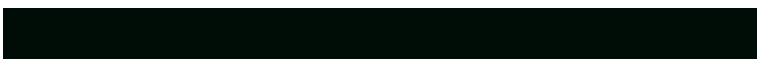
28.6025, 0.2876, 0.3261



6.9823, 0.3042, 0.3386



19.4210, 0.2641, 0.4709



0.2976, 0.2454, 0.4035

Inverse Universe

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



23.4137, 0.3314, 0.3112



38.9686, 0.3358, 0.3076



23.5605, 0.3438, 0.3319



6.2639, 0.3221, 0.3196



5.9172, 0.5229, 0.2654



0.0955, 0.4257, 0.2119

Previews

White Background



This preview shows how the Yxy color 28.8152, 0.2972, 0.3475 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 28.8152, 0.2972, 0.3475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

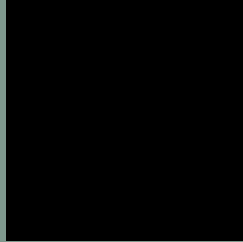
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

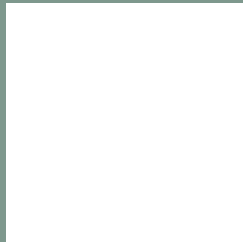
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 28.8152, 0.2972, 0.3475

Background



This preview shows how black text looks on a background with the Yxy color 28.8152, 0.2972, 0.3475.



This preview shows how white text looks on a background with the Yxy color 28.8152, 0.2972, 0.3475.

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

28.8152, 0.2972, 0.3475

Protanopia

28.5410, 0.3260, 0.3418

Deuteranopia

28.6100, 0.3325, 0.3260



Tritanopia

28.8139, 0.2835, 0.3095

Trichromacy



Original Color

28.8152, 0.2972, 0.3475

Protanomaly

28.6775, 0.3150, 0.3453

Deuteranomaly

28.4997, 0.3188, 0.3338

Tritanomaly

28.8129, 0.2886, 0.3224

Monochromacy



Original Color

28.8152, 0.2972, 0.3475

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 28.8152, 0.2972, 0.3475 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, 141)` looks like.

```
.text, #text, p{  
    color:rgb(126, 152, 141)  
}
```

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, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 152, 141) }
```

Border

The CSS property to change the border of an element to Yxy 28.8152, 0.2972, 0.3475 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, 141) }
```

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

```
.border{ border-color:rgb(126, 152, 141) }
```

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, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 152, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 152, 141);  
box-shadow:4px 4px 4px 4px rgb(126, 152,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 28.8152, 0.2972, 0.3475 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, 141) }
```

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

```
.background{ background-color: rgb(126,  
152, 141) }
```

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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