

Converting Colors

$Y_{xy}(29.1453, 0.2765, 0.3172)$

Have a look what the booklet for
Yxy(29.1453, 0.2765, 0.3172)
contains.

Yxy(28.9876, 0.2757, 0.3157)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(28.9876, 0.2757, 0.3157)

Conversions

Conversions Part 1

Format	Color
Hex	7898A0
RGB	120, 152, 160
RGB Percent	47%, 60%, 63%
CMY	0.5296, 0.4039, 0.3726
CMYK	0.25, 0.05, 0.00, 0.37
HSL	192°, 17%, 55%
HSV	192°, 25%, 63%
XYZ	25.3148, 28.9876, 37.5177
YIQ	143.3440, -21.6400, -4.2960

Conversions

Conversions Part 2

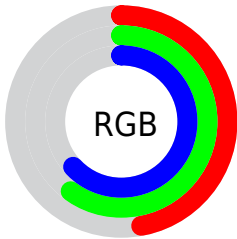
Format	Color
R_{YB}	120, 138, 160
Decimal	7903392
CIE _{Lab}	60.77, -9.21, -7.85
CIE _{LCh}	61, 12.101, 220.442
Yxy	28.9876, 0.2757, 0.3157
Android (android.graphics.Color)	4286093472 (0xFF7898A0)
YUV	143.3440, 8.2114, -20.4727
Hunter-Lab	53.8401, -10.2923, -3.6272

Details

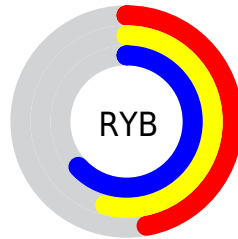
The Yxy color $28.9876, 0.2757, 0.3157$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $24.2534, 0.3608, 0.3419$, and the grayscale version is $27.5835, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.9331, 0.2830, 0.3179$, and $11.7136, 0.2626, 0.3094$ is the 20% darker color. If you saturate the color by 10%, you get $26.9169, 0.2619, 0.3096$, and if you desaturate by 10%, it is $31.2796, 0.2902, 0.3214$.

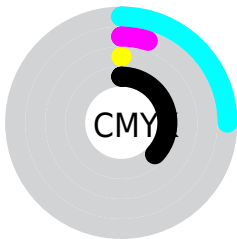
Distribution



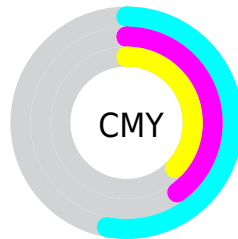
- Red (47%)
- Green (60%)
- Blue (63%)



- Red (47%)
- Yellow (54%)
- Blue (63%)



- Cyan (25%)
- Magenta (5%)
- Yellow (0%)
- Black (37%)



- Cyan (53%)
- Magenta (40%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.9876, 0.2757, 0.3157 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 28.9876, 0.2757, 0.3157 by changing the saturation by 10% instead.

■ 28.9876, 0.2757,
0.3157

■ 28.9876, 0.2757,
0.3157

■ 297.1564, 0.2955,
0.3231

■ 19.0714, 0.2703,
0.3136

■ 58.0574, 0.2832,
0.3186

■ 11.7219, 0.2631,
0.3106

■ 77.9798, 0.2859,
0.3196

■ 6.5546, 0.2530,
0.3063

■ 102.0064, 0.2882,
0.3205

■ 3.1852, 0.2378,
0.2994

■ 130.5216, 0.2901,
0.3212

■ 1.2291, 0.2125,
0.2870

■ 163.9099, 0.2917,
0.3218

■ 0.0853, 0.0000,
0.1174

■ 202.5555, 0.2931,

■ 0.0000, 0.0000,

0.3223

0.0000

246.8429, 0.2944,
0.3227

■ 28.9876, 0.2757,
0.3157

■ 28.9876, 0.2757,
0.3157

■ 26.9169, 0.2619,
0.3096

■ 31.2796, 0.2902,
0.3214

■ 25.0544, 0.2491,
0.3031

■ 33.7986, 0.3051,
0.3266

■ 23.3906, 0.2376,
0.2964

■ 36.5541, 0.3202,
0.3313

■ 21.9141, 0.2277,
0.2894

■ 39.5541, 0.3352,
0.3355

■ 20.6119, 0.2195,
0.2822

■ 42.8064, 0.3500,
0.3393

■ 19.4691, 0.2132,
0.2751

■ 46.3181, 0.3643,
0.3427

■ 18.4672, 0.2087,
0.2680

■ 50.0963, 0.3782,
0.3456

■ 17.9978, 0.2068,
0.2644

■ 54.1475, 0.3914,
0.3482

■ 56.7390, 0.3963,
0.3510

Harmonies

Analogous

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



28.9876, 0.2843, 0.3338



28.9876, 0.2757, 0.3157



28.9876, 0.2766, 0.3020

Triad

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



28.9876, 0.2757, 0.3157



28.9876, 0.3243, 0.3083



28.9876, 0.3385, 0.3633

Complementary

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



28.9876, 0.2757, 0.3157



24.2534, 0.3608, 0.3419

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.



28.9876, 0.3500, 0.3550



28.9876, 0.2757, 0.3157



28.9876, 0.3417, 0.3234

Square

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



28.9876, 0.2757, 0.3157



28.9876, 0.3042, 0.2983



28.9876, 0.3512, 0.3403



28.9876, 0.3203, 0.3621

Rectangle

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



28.9876, 0.2757, 0.3157



28.9876, 0.2825, 0.2970



28.9876, 0.3512, 0.3403



28.9876, 0.3433, 0.3615

Sweetspot

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



28.9888, 0.2757, 0.3157



59.8921, 0.3004, 0.3250



30.6717, 0.3033, 0.3850



12.9897, 0.2983, 0.3243



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



28.9888, 0.2757, 0.3157



50.4984, 0.2679, 0.3124



23.2050, 0.2729, 0.2824



7.2845, 0.2988, 0.3244



14.0827, 0.2070, 0.2651



0.3043, 0.2148, 0.2934

Inverse Universe

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



23.1645, 0.3246, 0.2797



38.2542, 0.3278, 0.2686



29.7958, 0.3538, 0.3716



6.7319, 0.3166, 0.3113



7.0439, 0.3775, 0.1853



0.1313, 0.3513, 0.1709

Previews

White Background



This preview shows how the Yxy color 28.9876, 0.2757, 0.3157 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 28.9876, 0.2757, 0.3157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

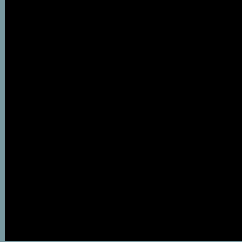
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

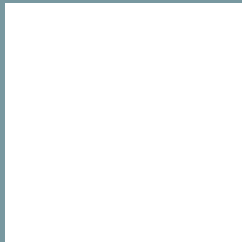
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 28.9876, 0.2757, 0.3157

Background



This preview shows how black text looks on a background with the Yxy color 28.9876, 0.2757, 0.3157.

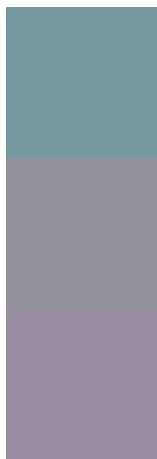


This preview shows how white text looks on a background with the Yxy color 28.9876, 0.2757, 0.3157.

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

28.9876, 0.2757, 0.3157

Protanopia

28.7621, 0.3032, 0.3117

Deuteranopia

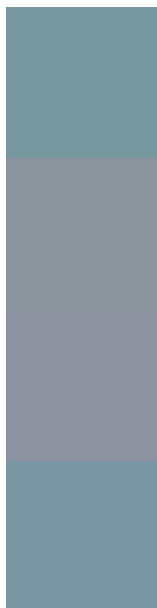
28.7269, 0.3048, 0.2985



Tritanopia

28.8785, 0.2733, 0.3076

Trichromacy



Original Color

28.9876, 0.2757, 0.3157

Protanomaly

28.9325, 0.2934, 0.3145

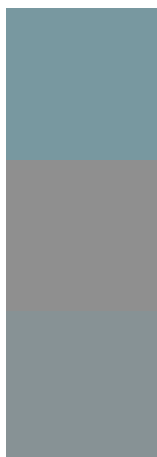
Deuteranomaly

28.7937, 0.2937, 0.3053

Tritanomaly

28.8425, 0.2741, 0.3092

Monochromacy



Original Color

28.9876, 0.2757, 0.3157

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.8786, 0.2987, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.9876, 0.2757, 0.3157 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(120, 152, 160)` looks like.

```
.text, #text, p{  
    color:rgb(120, 152, 160)  
}
```

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(120, 152, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 152, 160) }
```

Border

The CSS property to change the border of an element to Yxy 28.9876, 0.2757, 0.3157 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(120, 152, 160) }
```

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

```
.border{ border-color:rgb(120, 152, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 152, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 152, 160); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 152, 160); box-shadow:4px 4px 4px 4px rgb(120, 152, 160) }
```


Background

The CSS property to change the background color of an element to Yxy 28.9876, 0.2757, 0.3157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 152, 160) }
```

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

```
.background{ background-color: rgb(120,  
152, 160) }
```

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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