

Converting Colors

$Y_{xy}(32.7317, 0.2659, 0.3062)$

Have a look what the booklet for
Yxy(32.7317, 0.2659, 0.3062)
contains.

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Color

Yxy(32.6893, 0.2659, 0.3054)

Conversions

Conversions Part 1

Format	Color
Hex	79A1B0
RGB	121, 161, 176
RGB Percent	47%, 63%, 69%
CMY	0.5257, 0.3686, 0.3098
CMYK	0.31, 0.09, 0.00, 0.31
HSL	196°, 26%, 58%
HSV	196°, 31%, 69%
XYZ	28.4613, 32.6893, 45.8870
YIQ	150.7500, -28.6550, -3.8150

Conversions

Conversions Part 2

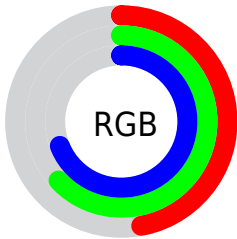
Format	Color
RYB	121, 144, 176
Decimal	7971248
CIELab	63.91, -9.92, -12.17
CIELCh	64, 15.706, 230.816
Yxy	32.6893, 0.2659, 0.3054
Android (android.graphics.Color)	4286161328 (0xFF79A1B0)
YUV	150.7500, 12.4483, -26.0907
Hunter-Lab	57.1746, -11.1987, -7.5627

Details

The Yxy color **32.6893, 0.2659, 0.3054** is a light color, and the websafe version is hex **669999**. A complement of this color would be **28.2019, 0.3756, 0.3513**, and the grayscale version is **30.7866, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.0519, 0.2750, 0.3101**, and **13.6946, 0.2506, 0.2950** is the 20% darker color. If you saturate the color by 10%, you get **29.8901, 0.2520, 0.2965**, and if you desaturate by 10%, it is **35.7873, 0.2806, 0.3137**.

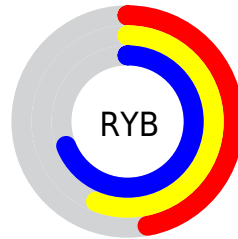
Distribution



Red (47%)

Green (63%)

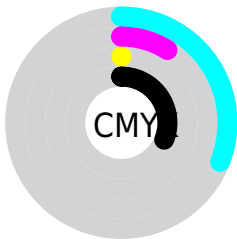
Blue (69%)



Red (47%)

Yellow (56%)

Blue (69%)

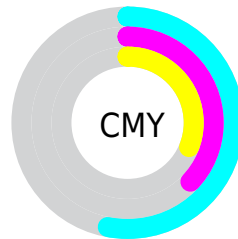


Cyan (31%)

Magenta (9%)

Yellow (0%)

Black (31%)



Cyan (53%)

Magenta (37%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.6893, 0.2659, 0.3054 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 32.6893, 0.2659, 0.3054 by changing the saturation by 10% instead.

■ 32.6893, 0.2659,
0.3054

■ 32.6893, 0.2659,
0.3054

■ 314.2474, 0.2903,
0.3182

■ 21.8885, 0.2595,
0.3019

■ 63.8901, 0.2750,
0.3103

■ 13.7750, 0.2511,
0.2971

■ 85.0590, 0.2784,
0.3121

■ 7.9644, 0.2395,
0.2903

■ 110.4527, 0.2812,
0.3135

■ 4.0721, 0.2227,
0.2801

■ 140.4556, 0.2835,
0.3148

■ 1.7140, 0.1965,
0.2629

■ 175.4522, 0.2856,
0.3158

■ 0.4327, 0.0858,
0.2196

■ 215.8267, 0.2874,

■ 0.0000, 0.0000,

0.3167

0.0000

261.9636, 0.2889,
0.3175

■ 32.6893, 0.2659,
0.3054

■ 32.6893, 0.2659,
0.3054

■ 29.8901, 0.2520,
0.2965

■ 35.7873, 0.2806,
0.3137

■ 27.3725, 0.2391,
0.2872

■ 39.1925, 0.2956,
0.3213

■ 25.1232, 0.2275,
0.2774

■ 42.9178, 0.3108,
0.3282

■ 23.1260, 0.2177,
0.2673

■ 46.9742, 0.3258,
0.3344

■ 21.3626, 0.2097,
0.2572

■ 51.3720, 0.3405,
0.3400

■ 19.8115, 0.2036,
0.2471

■ 56.1209, 0.3548,
0.3449

■ 18.5936, 0.1996,
0.2384

■ 61.2305, 0.3685,
0.3492

■ 65.4062, 0.3761,
0.3535

■ 67.6519, 0.3746,
0.3584

Harmonies

Analogous

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



32.6893, 0.2725, 0.3267



32.6893, 0.2659, 0.3054



32.6893, 0.2712, 0.2916

Triad

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



32.6893, 0.2659, 0.3054



32.6893, 0.3354, 0.3092



32.6893, 0.3375, 0.3729

Complementary

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



32.6893, 0.2659, 0.3054



28.2019, 0.3756, 0.3513

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.



32.6893, 0.3555, 0.3660



32.6893, 0.2659, 0.3054



32.6893, 0.3545, 0.3291

Square

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



32.6893, 0.2659, 0.3054



32.6893, 0.3106, 0.2944



32.6893, 0.3619, 0.3497



32.6893, 0.3133, 0.3672

Rectangle

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



32.6893, 0.2659, 0.3054



32.6893, 0.2808, 0.2880



32.6893, 0.3619, 0.3497



32.6893, 0.3445, 0.3719

Sweetspot

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



32.6906, 0.2659, 0.3054



72.4622, 0.2988, 0.3228



36.8817, 0.2975, 0.3944



15.5015, 0.2967, 0.3218



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



32.6906, 0.2659, 0.3054



55.4847, 0.2555, 0.2989



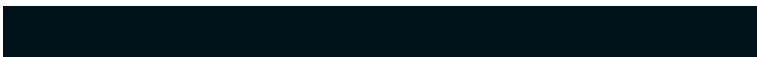
24.1896, 0.2607, 0.2605



9.2323, 0.2986, 0.3227



13.7423, 0.1998, 0.2394



0.5232, 0.2076, 0.2673

Inverse Universe

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



25.4667, 0.3329, 0.2720



40.6170, 0.3391, 0.2584



36.8614, 0.3641, 0.3892



8.6064, 0.3178, 0.3126



7.9274, 0.4029, 0.1993



0.2586, 0.3754, 0.1842

Previews

White Background



This preview shows how the Yxy color 32.6893, 0.2659, 0.3054 looks on a white background.

Color Contrast Check

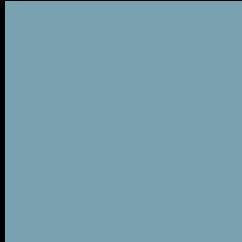
Large Text (above 18pt) WCAG AA × Fail

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 32.6893, 0.2659, 0.3054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

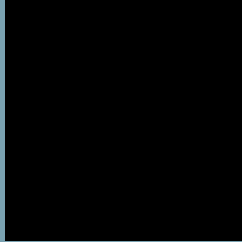
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.6893, 0.2659, 0.3054

Background



This preview shows how black text looks on a background with the Yxy color 32.6893, 0.2659, 0.3054.



This preview shows how white text looks on a background with the Yxy color 32.6893, 0.2659, 0.3054.

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

32.6893, 0.2659, 0.3054

Protanopia

32.3981, 0.2956, 0.3022

Deuteranopia

32.6167, 0.2952, 0.2900



Tritanopia

32.6107, 0.2674, 0.3084

Trichromacy



Original Color

32.6893, 0.2659, 0.3054

Protanomaly

32.4568, 0.2841, 0.3031

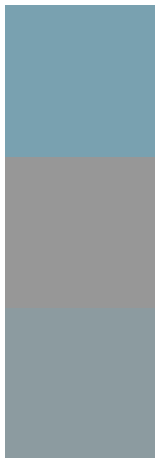
Deuteranomaly

32.6368, 0.2843, 0.2961

Tritanomaly

32.6498, 0.2667, 0.3069

Monochromacy



Original Color

32.6893, 0.2659, 0.3054

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

31.5562, 0.2939, 0.3211

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.6893, 0.2659, 0.3054 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(121, 161, 176)` looks like.

```
.text, #text, p{  
    color:rgb(121, 161, 176)  
}
```

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(121, 161, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 161, 176) }
```

Border

The CSS property to change the border of an element to Yxy 32.6893, 0.2659, 0.3054 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(121, 161, 176) }
```

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

```
.border{ border-color:rgb(121, 161, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 161, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 161, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 161, 176); box-shadow:4px 4px 4px 4px rgb(121, 161, 176) }
```


Background

The CSS property to change the background color of an element to Yxy 32.6893, 0.2659, 0.3054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 161, 176) }
```

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

```
.background{ background-color: rgb(121,  
161, 176) }
```

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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