

Converting Colors

$Y_{xy}(32.8734, 0.2675, 0.3041)$

Have a look what the booklet for
Yxy(32.8734, 0.2675, 0.3041)
contains.

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Color

Yxy(32.9491, 0.2675, 0.3040)

Conversions

Conversions Part 1

Format	Color
Hex	7CA1B1
RGB	124, 161, 177
RGB Percent	49%, 63%, 69%
CMY	0.5138, 0.3686, 0.3058
CMYK	0.30, 0.09, 0.00, 0.31
HSL	198°, 25%, 59%
HSV	198°, 30%, 69%
XYZ	28.9930, 32.9491, 46.4431
YIQ	151.7610, -27.1880, -2.8680

Conversions

Conversions Part 2

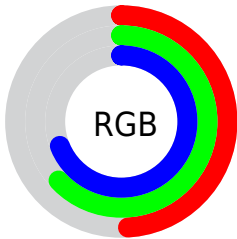
Format	Color
RYB	124, 146, 177
Decimal	8167857
CIELab	64.12, -8.76, -12.41
CIELCh	64, 15.195, 234.780
Yxy	32.9491, 0.2675, 0.3040
Android (android.graphics.Color)	4286357937 (0xFF7CA1B1)
YUV	151.7610, 12.4428, -24.3464
Hunter-Lab	57.4013, -10.2931, -7.7903

Details

The Yxy color **32.9491, 0.2675, 0.3040** is a light color, and the websafe version is hex **669999**. A complement of this color would be **29.5646, 0.3716, 0.3526**, and the grayscale version is **31.2449, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.4599, 0.2763, 0.3090**, and **13.8090, 0.2534, 0.2952** is the 20% darker color. If you saturate the color by 10%, you get **29.9182, 0.2532, 0.2942**, and if you desaturate by 10%, it is **36.2993, 0.2824, 0.3131**.

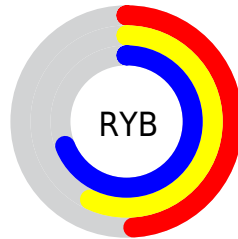
Distribution



Red (49%)

Green (63%)

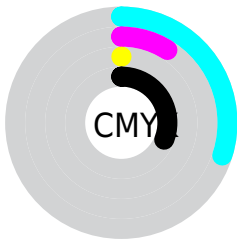
Blue (69%)



Red (49%)

Yellow (57%)

Blue (69%)

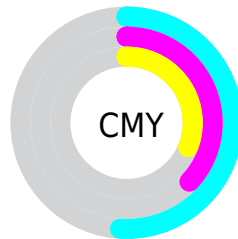


Cyan (30%)

Magenta (9%)

Yellow (0%)

Black (31%)



Cyan (51%)

Magenta (37%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.9491, 0.2675, 0.3040 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 32.9491, 0.2675, 0.3040 by changing the saturation by 10% instead.

■ 32.9491, 0.2675,
0.3040

■ 32.9491, 0.2675,
0.3040

■ 315.4203, 0.2911,
0.3175

■ 22.0875, 0.2613,
0.3003

■ 64.2961, 0.2763,
0.3091

■ 13.9212, 0.2532,
0.2953

■ 85.5502, 0.2795,
0.3110

■ 8.0659, 0.2420,
0.2883

■ 111.0372, 0.2822,
0.3125

■ 4.1371, 0.2259,
0.2778

■ 141.1416, 0.2845,
0.3138

■ 1.7506, 0.2006,
0.2603

■ 176.2477, 0.2865,
0.3149

■ 0.4561, 0.1047,
0.2174

■ 216.7399, 0.2882,

■ 0.0000, 0.0000,

0.3159

0.0000

263.0027, 0.2897,
0.3167

■ 32.9491, 0.2675,
0.3040

■ 32.9491, 0.2675,
0.3040

■ 29.9182, 0.2532,
0.2942

■ 36.2993, 0.2824,
0.3131

■ 27.1891, 0.2398,
0.2838

■ 39.9777, 0.2976,
0.3215

■ 24.7483, 0.2277,
0.2729

■ 43.9974, 0.3128,
0.3290

■ 22.5792, 0.2171,
0.2616

■ 48.3697, 0.3277,
0.3358

■ 20.6634, 0.2084,
0.2503

■ 53.1053, 0.3423,
0.3419

■ 18.9792, 0.2017,
0.2389

■ 58.2142, 0.3563,
0.3473

■ 17.4820, 0.1966,
0.2277

■ 63.7063, 0.3697,
0.3520

■ 17.4773, 0.1966,
0.2277

■ 67.5232, 0.3739,
0.3570

■ 70.1063, 0.3722,
0.3624

Harmonies

Analogous

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



32.9491, 0.2724, 0.3239



32.9491, 0.2675, 0.3040



32.9491, 0.2741, 0.2919

Triad

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



32.9491, 0.2675, 0.3040



32.9491, 0.3375, 0.3122



32.9491, 0.3338, 0.3713

Complementary

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



32.9491, 0.2675, 0.3040



29.5646, 0.3716, 0.3526

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.



32.9491, 0.3523, 0.3662



32.9491, 0.2675, 0.3040



32.9491, 0.3547, 0.3318

Square

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



32.9491, 0.2675, 0.3040



32.9491, 0.3139, 0.2971



32.9491, 0.3601, 0.3514



32.9491, 0.3101, 0.3642

Rectangle

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



32.9491, 0.2675, 0.3040



32.9491, 0.2843, 0.2892



32.9491, 0.3601, 0.3514



32.9491, 0.3408, 0.3709

Sweetspot

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



32.9504, 0.2675, 0.3040



72.1320, 0.2988, 0.3221



37.6311, 0.2968, 0.3883



15.4193, 0.2967, 0.3210



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.



32.9504, 0.2675, 0.3040



55.3190, 0.2579, 0.2976



24.6734, 0.2628, 0.2608



9.1894, 0.2986, 0.3220



12.7682, 0.1969, 0.2289



0.4984, 0.2056, 0.2601

Inverse Universe

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



26.3348, 0.3337, 0.2765



41.9560, 0.3397, 0.2647



38.2318, 0.3611, 0.3890



8.6021, 0.3182, 0.3132



7.8291, 0.4138, 0.2053



0.2561, 0.3823, 0.1880

Previews

White Background



This preview shows how the Yxy color 32.9491, 0.2675, 0.3040 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 32.9491, 0.2675, 0.3040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

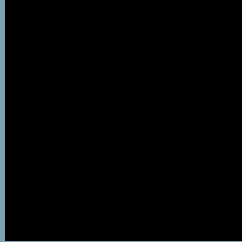
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

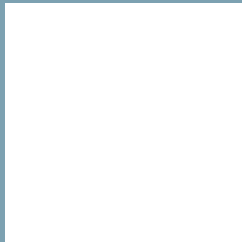
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 32.9491, 0.2675, 0.3040

Background



This preview shows how black text looks on a background with the Yxy color 32.9491, 0.2675, 0.3040.



This preview shows how white text looks on a background with the Yxy color 32.9491, 0.2675, 0.3040.

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

32.9491, 0.2675, 0.3040

Protanopia

32.8621, 0.2957, 0.3024

Deuteranopia

32.6570, 0.2943, 0.2886



Tritanopia

32.7567, 0.2689, 0.3085

Trichromacy



Original Color

32.9491, 0.2675, 0.3040

Protanomaly

32.9207, 0.2842, 0.3033

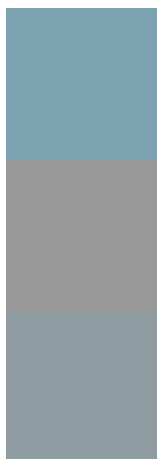
Deuteranomaly

32.7680, 0.2844, 0.2948

Tritanomaly

32.7958, 0.2682, 0.3070

Monochromacy



Original Color

32.9491, 0.2675, 0.3040

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

31.7667, 0.2949, 0.3196

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.9491, 0.2675, 0.3040 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(124, 161, 177)` looks like.

```
.text, #text, p{  
    color:rgb(124, 161, 177)  
}
```

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(124, 161, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 161, 177) }
```

Border

The CSS property to change the border of an element to Yxy 32.9491, 0.2675, 0.3040 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(124, 161, 177) }
```

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

```
.border{ border-color:rgb(124, 161, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 161, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(124, 161, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(124, 161, 177); box-shadow:4px 4px 4px 4px rgb(124, 161, 177) }
```


Background

The CSS property to change the background color of an element to Yxy 32.9491, 0.2675, 0.3040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 161, 177) }
```

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

```
.background{ background-color: rgb(124,  
161, 177) }
```

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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