

Converting Colors

$Y_{xy}(30.4643, 0.2095, 0.2720)$

Have a look what the booklet for
Yxy(30.4643, 0.2095, 0.2720)
contains.

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Color

Yxy(30.3232, 0.2093, 0.2713)

Conversions

Conversions Part 1

Format	Color
Hex	08A3C6
RGB	8, 163, 198
RGB Percent	3%, 64%, 78%
CMY	0.9676, 0.3608, 0.2235
CMYK	0.96, 0.18, 0.00, 0.22
HSL	191°, 92%, 40%
HSV	191°, 96%, 78%
XYZ	23.3935, 30.3232, 58.0533
YIQ	120.6450, -103.6150, -21.9750

Conversions

Conversions Part 2

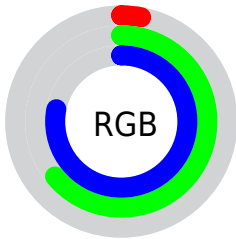
Format	Color
R _Y B	8, 93, 198
Decimal	566214
CIE Lab	61.93, -22.57, -27.81
CIE LCh	62, 35.816, 230.938
Yxy	30.3232, 0.2093, 0.2713
Android (android.graphics.Color)	4278756294 (0xFF08A3C6)
YUV	120.6450, 38.1360, -98.7897
Hunter-Lab	55.0665, -20.5357, -23.9594

Details

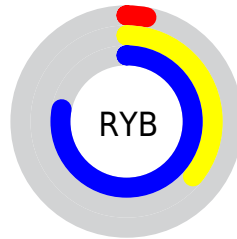
The Yxy color **30.3232, 0.2093, 0.2713** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **13.7734, 0.6113, 0.3478**, and the grayscale version is **18.9259, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.1295, 0.2284, 0.2833**, and **13.3825, 0.2041, 0.2549** is the 20% darker color. If you saturate the color by 10%, you get **29.7331, 0.2079, 0.2686**, and if you desaturate by 10%, it is **31.8351, 0.2133, 0.2779**.

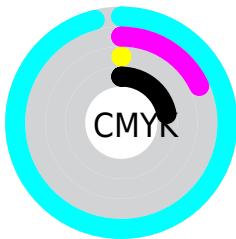
Distribution



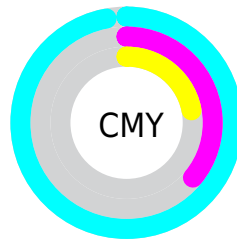
- Red (3%)
- Green (64%)
- Blue (78%)



- Red (3%)
- Yellow (36%)
- Blue (78%)



- Cyan (96%)
- Magenta (18%)
- Yellow (0%)
- Black (22%)





- Cyan (97%)
- Magenta (36%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.3232, 0.2093, 0.2713 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 30.3232, 0.2093, 0.2713 by changing the saturation by 10% instead.


 30.3232, 0.2093,
0.2713


 30.3232, 0.2093,
0.2713


303.4081, 0.2621,
0.3032

 20.0840, 0.1961,
0.2624


 60.1729, 0.2286,
0.2836


 12.4561, 0.1793,
0.2506


 80.5523, 0.2358,
0.2880


 7.0551, 0.1573,
0.2341


 105.0805, 0.2419,
0.2916

 3.4966, 0.1279,
0.2100

 134.1419, 0.2471,
0.2947

 1.3962, 0.0873,
0.1730

 168.1210, 0.2516,
0.2973

 0.2139, 0.0000,
0.0720

207.4021, 0.2555,

 0.0000, 0.0000,

0.2996

0.0000

252.3697, 0.2590,
0.3015

■ 30.3232, 0.2093,
0.2713

■ 30.3232, 0.2093,
0.2713

■ 29.7331, 0.2079,
0.2686

■ 31.8351, 0.2133,
0.2779

■ 33.5666, 0.2191,
0.2846

■ 35.5507, 0.2268,
0.2912

■ 37.8132, 0.2364,
0.2978

■ 40.3763, 0.2476,
0.3042

■ 43.2596, 0.2603,
0.3103

■ 46.4810, 0.2741,
0.3160

■ 50.0569, 0.2887,
0.3214

■ 54.0027, 0.3038,
0.3263

Harmonies

Analogous

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



30.3232, 0.2221, 0.3201



30.3232, 0.2093, 0.2713



30.3232, 0.2204, 0.2440

Triad

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



30.3232, 0.2093, 0.2713



30.3232, 0.3651, 0.2845



30.3232, 0.3666, 0.4334

Complementary

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



30.3232, 0.2093, 0.2713



13.7734, 0.6113, 0.3478

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.



30.3232, 0.4104, 0.4107



30.3232, 0.2093, 0.2713



30.3232, 0.4116, 0.3257

Square

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



30.3232, 0.2093, 0.2713



30.3232, 0.3061, 0.2537



30.3232, 0.4281, 0.3706



30.3232, 0.3107, 0.4236

Rectangle

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



30.3232, 0.2093, 0.2713



30.3232, 0.2405, 0.2383



30.3232, 0.4281, 0.3706



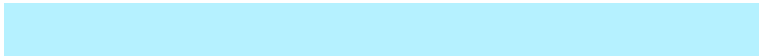
30.3232, 0.3833, 0.4288

Sweetspot

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



30.3243, 0.2093, 0.2713



80.1700, 0.2690, 0.3140



40.6221, 0.2946, 0.5770



16.6356, 0.2631, 0.3115



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



30.3243, 0.2093, 0.2713



52.3043, 0.2077, 0.2676



8.3074, 0.1650, 0.1107



11.7219, 0.2984, 0.3246



19.4496, 0.2082, 0.2694



1.0098, 0.2120, 0.2832

Inverse Universe

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



14.8310, 0.3714, 0.1837



25.8113, 0.3751, 0.1840



30.1807, 0.4842, 0.4508



10.7817, 0.3165, 0.3104



9.5034, 0.3733, 0.1830



0.4590, 0.3605, 0.1760

Previews

White Background



This preview shows how the Yxy color 30.3232, 0.2093, 0.2713 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 30.3232, 0.2093, 0.2713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

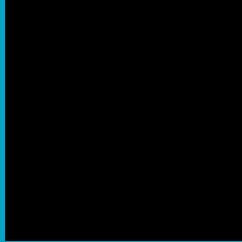
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.3232, 0.2093, 0.2713

Background



This preview shows how black text looks on a background with the Yxy color 30.3232, 0.2093, 0.2713.



This preview shows how white text looks on a background with the Yxy color 30.3232, 0.2093, 0.2713.

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

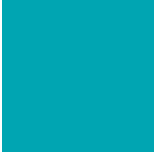
30.3232, 0.2093, 0.2713

Protanopia

29.9016, 0.2710, 0.2706

Deuteranopia

30.1183, 0.2544, 0.2490



Tritanopia

30.1246, 0.2184, 0.3061

Trichromacy



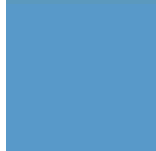
Original Color

30.3232, 0.2093, 0.2713



Protanomaly

28.7243, 0.2344, 0.2693



Deuteranomaly

29.0742, 0.2266, 0.2538



Tritanomaly

30.0731, 0.2149, 0.2929

Monochromacy



Original Color

30.3232, 0.2093, 0.2713



Achromatopsia

19.1202, 0.3127, 0.3290



Achromatomaly

21.4837, 0.2481, 0.3040

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.3232, 0.2093, 0.2713 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(8, 163, 198)` looks like.

```
.text, #text, p{  
    color:rgb(8, 163, 198)  
}
```

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(8, 163, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 163, 198) }
```

Border

The CSS property to change the border of an element to Yxy 30.3232, 0.2093, 0.2713 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(8, 163, 198) }
```

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

```
.border{ border-color:rgb(8, 163, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 163, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 163, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 163, 198);  
box-shadow:4px 4px 4px 4px rgb(8, 163,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 30.3232, 0.2093, 0.2713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 163, 198) }
```

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

```
.background{ background-color: rgb(8, 163,  
198) }
```

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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