

Converting Colors

$Yxy(29.1659, 0.2172, 0.2799)$

Have a look what the booklet for
Yxy(29.1659, 0.2172, 0.2799)
contains.

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Color

Yxy(29.3293, 0.2173, 0.2802)

Conversions

Conversions Part 1

Format	Color
Hex	2BA0BD
RGB	43, 160, 189
RGB Percent	17%, 63%, 74%
CMY	0.8320, 0.3725, 0.2589
CMYK	0.77, 0.15, 0.00, 0.26
HSL	192°, 63%, 45%
HSV	192°, 77%, 74%
XYZ	22.7454, 29.3293, 52.5980
YIQ	128.3230, -79.0410, -15.7850

Conversions

Conversions Part 2

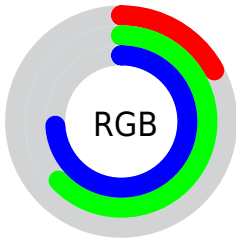
Format	Color
R_{YB}	43, 108, 189
Decimal	2859197
CIE _{Lab}	61.07, -21.78, -24.05
CIE _{LCh}	61, 32.443, 227.832
Yxy	29.3293, 0.2173, 0.2802
Android (android.graphics.Color)	4281049277 (0xFF2BA0BD)
YUV	128.3230, 29.9138, -74.8283
Hunter-Lab	54.1565, -19.8051, -19.6742

Details

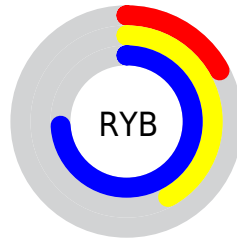
The Yxy color **29.3293, 0.2173, 0.2802** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **15.5990, 0.5472, 0.3598**, and the grayscale version is **21.6028, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.6382, 0.2358, 0.2913**, and **12.5027, 0.2065, 0.2632** is the 20% darker color. If you saturate the color by 10%, you get **27.7343, 0.2116, 0.2730**, and if you desaturate by 10%, it is **31.1544, 0.2250, 0.2874**.

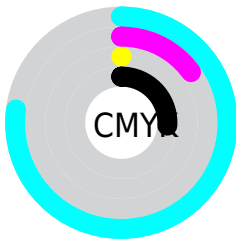
Distribution



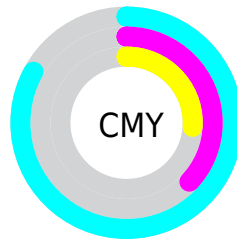
- Red (17%)
- Green (63%)
- Blue (74%)



- Red (17%)
- Yellow (42%)
- Blue (74%)



- Cyan (77%)
- Magenta (15%)
- Yellow (0%)
- Black (26%)





- Cyan (83%)
- Magenta (37%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.3293, 0.2173, 0.2802 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 29.3293, 0.2173, 0.2802 by changing the saturation by 10% instead.


 29.3293, 0.2173,
0.2802


 29.3293, 0.2173,
0.2802


298.7655, 0.2666,
0.3075


 19.3301, 0.2047,
0.2724


 58.5999, 0.2355,
0.2908


 11.9090, 0.1885,
0.2619


 78.6400, 0.2422,
0.2946


 6.6818, 0.1670,
0.2470


 102.7959, 0.2479,
0.2977

 3.2639, 0.1376,
0.2247

 131.4519, 0.2527,
0.3003

 1.2710, 0.0943,
0.1892

 164.9925, 0.2569,
0.3025

 0.1186, 0.0000,
0.0539

203.8021, 0.2605,

 0.0000, 0.0000,

0.3044

0.0000

248.2649, 0.2637,
0.3061

■ 29.3293, 0.2173,
0.2802

■ 29.3293, 0.2173,
0.2802

■ 27.7343, 0.2116,
0.2730

■ 31.1544, 0.2250,
0.2874

■ 26.3327, 0.2076,
0.2659

■ 33.2301, 0.2345,
0.2945

■ 25.9765, 0.2067,
0.2640

■ 35.5774, 0.2456,
0.3014

■ 38.2144, 0.2582,
0.3080

■ 41.1573, 0.2720,
0.3142

■ 44.4209, 0.2865,
0.3200

■ 48.0191, 0.3015,
0.3254

■ 51.9648, 0.3168,
0.3302

■ 56.2703, 0.3320,
0.3346

Harmonies

Analogous

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



29.3293, 0.2317, 0.3267



29.3293, 0.2173, 0.2802



29.3293, 0.2254, 0.2524

Triad

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



29.3293, 0.2173, 0.2802



29.3293, 0.3555, 0.2845



29.3293, 0.3677, 0.4237

Complementary

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



29.3293, 0.2173, 0.2802



15.5990, 0.5472, 0.3598

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.



29.3293, 0.4056, 0.4015



29.3293, 0.2173, 0.2802



29.3293, 0.3999, 0.3222

Square

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



29.3293, 0.2173, 0.2802



29.3293, 0.3014, 0.2571



29.3293, 0.4184, 0.3639



29.3293, 0.3168, 0.4175

Rectangle

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



29.3293, 0.2173, 0.2802



29.3293, 0.2427, 0.2454



29.3293, 0.4184, 0.3639



29.3293, 0.3824, 0.4189

Sweetspot

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



29.3304, 0.2173, 0.2802



75.9755, 0.2777, 0.3166



37.3366, 0.2918, 0.5373



15.8963, 0.2725, 0.3144



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



29.3304, 0.2173, 0.2802



47.8582, 0.2086, 0.2679



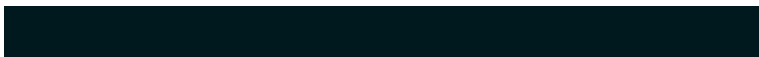
11.3467, 0.1841, 0.1519



10.4795, 0.2985, 0.3243



17.5894, 0.2069, 0.2649



0.7724, 0.2117, 0.2819

Inverse Universe

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



15.0709, 0.3616, 0.1934



23.9365, 0.3745, 0.1861



30.5460, 0.4570, 0.4475



9.6630, 0.3167, 0.3108



8.8054, 0.3776, 0.1854



0.3533, 0.3617, 0.1766

Previews

White Background



This preview shows how the Yxy color 29.3293, 0.2173, 0.2802 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 29.3293, 0.2173, 0.2802 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

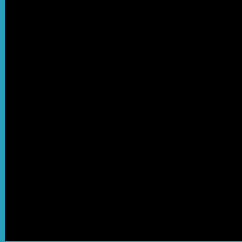
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.3293, 0.2173, 0.2802

Background



This preview shows how black text looks on a background with the Yxy color 29.3293, 0.2173, 0.2802.

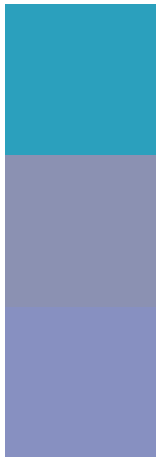


This preview shows how white text looks on a background with the Yxy color 29.3293, 0.2173, 0.2802.

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

29.3293, 0.2173, 0.2802

Protanopia

28.9541, 0.2771, 0.2785

Deuteranopia

28.9477, 0.2618, 0.2561



Tritanopia

29.2365, 0.2213, 0.3042

Trichromacy



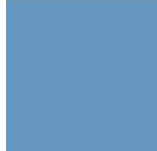
Original Color

29.3293, 0.2173, 0.2802



Protanomaly

28.1331, 0.2467, 0.2770



Deuteranomaly

28.3852, 0.2384, 0.2624



Tritanomaly

29.1660, 0.2194, 0.2943

Monochromacy



Original Color

29.3293, 0.2173, 0.2802



Achromatopsia

21.5861, 0.3127, 0.3290



Achromatomaly

23.4996, 0.2619, 0.3106

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.3293, 0.2173, 0.2802 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(43, 160, 189)` looks like.

```
.text, #text, p{  
    color:rgb(43, 160, 189)  
}
```

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(43, 160, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 160, 189) }
```

Border

The CSS property to change the border of an element to Yxy 29.3293, 0.2173, 0.2802 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(43, 160, 189) }
```

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

```
.border{ border-color:rgb(43, 160, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 160, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 160, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 160, 189);  
box-shadow:4px 4px 4px 4px rgb(43, 160,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 29.3293, 0.2173, 0.2802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 160, 189) }
```

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

```
.background{ background-color: rgb(43, 160,  
189) }
```

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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