

Converting Colors

$Yxy(28.9325, 0.2088, 0.2717)$

Have a look what the booklet for
Yxy(28.9325, 0.2088, 0.2717)
contains.

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Color

Yxy(29.0367, 0.2089, 0.2718)

Conversions

Conversions Part 1

Format	Color
Hex	01A0C2
RGB	1, 160, 194
RGB Percent	0%, 63%, 76%
CMY	0.9969, 0.3726, 0.2391
CMYK	1.00, 0.18, 0.00, 0.24
HSL	191°, 99%, 38%
HSV	191°, 100%, 76%
XYZ	22.3170, 29.0367, 55.4774
YIQ	116.3350, -105.6780, -23.1340

Conversions

Conversions Part 2

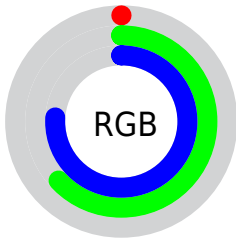
Format	Color
R _Y B	1, 88, 194
Decimal	106690
CIE Lab	60.81, -22.63, -27.30
CIE LCh	61, 35.463, 230.343
Yxy	29.0367, 0.2089, 0.2718
Android (android.graphics.Color)	4278296770 (0xFF01A0C2)
YUV	116.3350, 38.2888, -101.1488
Hunter-Lab	53.8857, -20.3734, -23.3213

Details

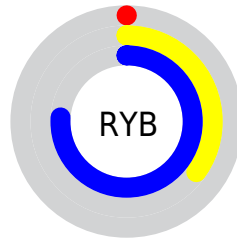
The Yxy color **29.0367, 0.2089, 0.2718** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **12.6657, 0.6213, 0.3443**, and the grayscale version is **17.4563, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.2186, 0.2285, 0.2838**, and **12.6186, 0.2043, 0.2553** is the 20% darker color. If you saturate the color by 10%, you get **28.9837, 0.2088, 0.2715**, and if you desaturate by 10%, it is **30.3845, 0.2123, 0.2780**.

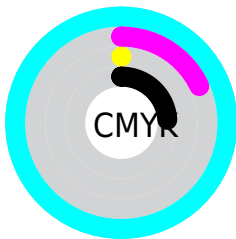
Distribution



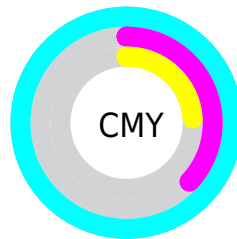
- Red (0%)
- Green (63%)
- Blue (76%)



- Red (0%)
- Yellow (35%)
- Blue (76%)



- Cyan (100%)
- Magenta (18%)
- Yellow (0%)
- Black (24%)



- Cyan (100%)
- Magenta (37%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.0367, 0.2089, 0.2718 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 29.0367, 0.2089, 0.2718 by changing the saturation by 10% instead.


 29.0367, 0.2089,
0.2718


 29.0367, 0.2089,
0.2718


297.3881, 0.2622,
0.3037


 19.1086, 0.1954,
0.2628


 58.1354, 0.2285,
0.2841


 11.7488, 0.1782,
0.2508


 78.0748, 0.2358,
0.2886


 6.5728, 0.1556,
0.2339


 102.1200, 0.2419,
0.2922

 3.1964, 0.1252,
0.2090

 130.6555, 0.2472,
0.2952

 1.2351, 0.0809,
0.1708

 164.0657, 0.2517,
0.2978

 0.0901, 0.0000,
0.0358

202.7349, 0.2557,

 0.0000, 0.0000,

0.3001

0.0000

247.0476, 0.2592,
0.3020

■ 29.0367, 0.2089,
0.2718

■ 29.0367, 0.2089,
0.2718

■ 28.9837, 0.2088,
0.2715

■ 30.3845, 0.2123,
0.2780

■ 31.9108, 0.2173,
0.2844

■ 33.6645, 0.2242,
0.2907

■ 35.6718, 0.2330,
0.2970

■ 37.9548, 0.2435,
0.3031

■ 40.5330, 0.2556,
0.3090

■ 43.4240, 0.2689,
0.3146

■ 46.6437, 0.2832,
0.3199

■ 50.2071, 0.2981,
0.3247

Harmonies

Analogous

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



29.0367, 0.2222, 0.3211



29.0367, 0.2089, 0.2718



29.0367, 0.2196, 0.2440

Triad

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



29.0367, 0.2089, 0.2718



29.0367, 0.3642, 0.2836



29.0367, 0.3679, 0.4337

Complementary

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



29.0367, 0.2089, 0.2718



12.6657, 0.6213, 0.3443

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.



29.0367, 0.4115, 0.4104



29.0367, 0.2089, 0.2718



29.0367, 0.4114, 0.3248

Square

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



29.0367, 0.2089, 0.2718



29.0367, 0.3049, 0.2529



29.0367, 0.4287, 0.3699



29.0367, 0.3118, 0.4247

Rectangle

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



29.0367, 0.2089, 0.2718



29.0367, 0.2395, 0.2380



29.0367, 0.4287, 0.3699



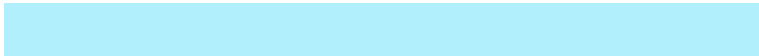
29.0367, 0.3845, 0.4289

Sweetspot

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



29.0377, 0.2089, 0.2718



78.1682, 0.2677, 0.3142



38.7066, 0.2959, 0.5850



16.6141, 0.2619, 0.3118



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.



29.0377, 0.2089, 0.2718



52.1613, 0.2085, 0.2706



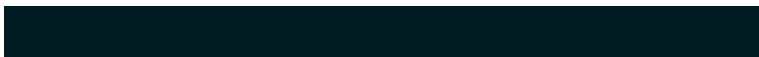
7.7053, 0.1635, 0.1081



11.1168, 0.2984, 0.3248



19.1596, 0.2090, 0.2724



0.9089, 0.2129, 0.2863

Inverse Universe

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



14.0267, 0.3711, 0.1820



25.3329, 0.3723, 0.1824



27.3358, 0.4930, 0.4464



10.2161, 0.3164, 0.3102



9.2164, 0.3706, 0.1815



0.4064, 0.3577, 0.1744

Previews

White Background



This preview shows how the Yxy color 29.0367, 0.2089, 0.2718 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 29.0367, 0.2089, 0.2718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

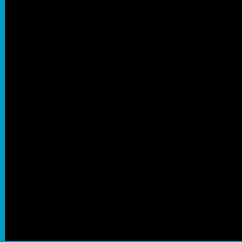
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.0367, 0.2089, 0.2718

Background



This preview shows how black text looks on a background with the Yxy color 29.0367, 0.2089, 0.2718.

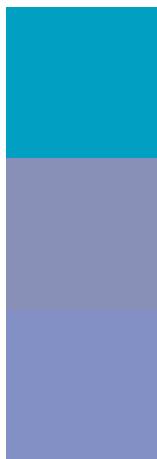


This preview shows how white text looks on a background with the Yxy color 29.0367, 0.2089, 0.2718.

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

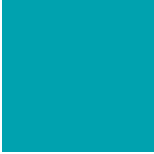
29.0431, 0.2089, 0.2719

Protanopia

28.6838, 0.2712, 0.2697

Deuteranopia

28.8490, 0.2549, 0.2491



Tritanopia

28.9358, 0.2183, 0.3057

Trichromacy



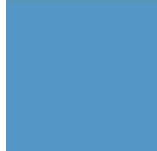
Original Color

29.0431, 0.2089, 0.2719



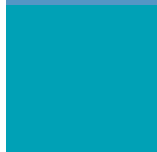
Protanomaly

27.4268, 0.2327, 0.2681



Deuteranomaly

27.7287, 0.2256, 0.2538



Tritanomaly

28.8671, 0.2145, 0.2923

Monochromacy



Original Color

29.0431, 0.2089, 0.2719



Achromatopsia

17.4647, 0.3127, 0.3290



Achromatomaly

19.9720, 0.2460, 0.3050

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0367, 0.2089, 0.2718 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(1, 160, 194)` looks like.

```
.text, #text, p{  
    color:rgb(1, 160, 194)  
}
```

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(1, 160, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 160, 194) }
```

Border

The CSS property to change the border of an element to Yxy 29.0367, 0.2089, 0.2718 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(1, 160, 194) }
```

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

```
.border{ border-color:rgb(1, 160, 194) }
```

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

Here you see how a box with a 4 pixel rgb(1, 160, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 160, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 160, 194);  
box-shadow:4px 4px 4px 4px rgb(1, 160,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0367, 0.2089, 0.2718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 160, 194) }
```

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

```
.background{ background-color: rgb(1, 160,  
194) }
```

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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