

Converting Colors

$Yxy(29.2036, 0.2345, 0.3096)$

Have a look what the booklet for
Yxy(29.2036, 0.2345, 0.3096)
contains.

Yxy(29.2057, 0.2344, 0.3097)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

$\text{Yxy}(29.2057, 0.2344, 0.3097)$

Conversions

Conversions Part 1

Format	Color
Hex	41A0AB
RGB	65, 160, 171
RGB Percent	25%, 63%, 67%
CMY	0.7447, 0.3726, 0.3295
CMYK	0.62, 0.06, 0.00, 0.33
HSL	186°, 45%, 46%
HSV	186°, 62%, 67%
XYZ	22.1047, 29.2057, 42.9928
YIQ	132.8490, -60.1510, -16.7190

Conversions

Conversions Part 2

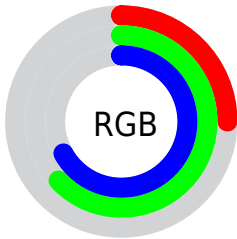
Format	Color
RYB	65, 115, 171
Decimal	4300971
CIELab	60.96, -24.25, -14.03
CIElCh	61, 28.021, 210.051
Yxy	29.2057, 0.2344, 0.3097
Android (android.graphics.Color)	4282491051 (0xFF41A0AB)
YUV	132.8490, 18.8084, -59.5036
Hunter-Lab	54.0423, -21.5630, -9.3380

Details

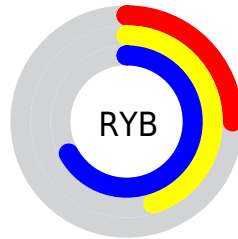
The Yxy color **29.2057, 0.2344, 0.3097** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **14.2197, 0.4931, 0.3447**, and the grayscale version is **23.3533, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.3770, 0.2498, 0.3147**, and **12.0570, 0.2169, 0.3009** is the 20% darker color. If you saturate the color by 10%, you get **28.0971, 0.2270, 0.3061**, and if you desaturate by 10%, it is **30.5020, 0.2436, 0.3132**.

Distribution



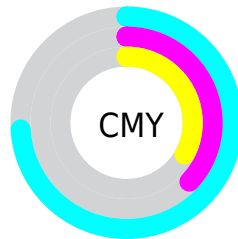
- Red (25%)
- Green (63%)
- Blue (67%)



- Red (25%)
- Yellow (45%)
- Blue (67%)



- Cyan (62%)
- Magenta (6%)
- Yellow (0%)
- Black (33%)





- Cyan (74%)
- Magenta (37%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.2057, 0.2344, 0.3097 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 29.2057, 0.2344, 0.3097 by changing the saturation by 10% instead.


 29.2057, 0.2344,
0.3097


 29.2057, 0.2344,
0.3097


298.1843, 0.2754,
0.3212


 19.2365, 0.2236,
0.3061


 58.4037, 0.2497,
0.3144


 11.8413, 0.2095,
0.3011

 78.4014, 0.2554,
0.3160


 6.6357, 0.1902,
0.2935


 102.5106, 0.2601,
0.3173

 3.2353, 0.1628,
0.2811

 131.1158, 0.2641,
0.3183

 1.2558, 0.1161,
0.2598

 164.6013, 0.2675,
0.3192

 0.1066, 0.0000,
0.0881

203.3517, 0.2705,

 0.0000, 0.0000,

0.3200

0.0000

247.7512, 0.2731,
0.3206

■ 29.2057, 0.2344,
0.3097

■ 29.2057, 0.2344,
0.3097

■ 28.0971, 0.2270,
0.3061

■ 30.5020, 0.2436,
0.3132

■ 27.1564, 0.2215,
0.3026

■ 31.9971, 0.2545,
0.3166

■ 26.3649, 0.2177,
0.2991

■ 33.7052, 0.2668,
0.3199

■ 25.8006, 0.2156,
0.2962

■ 35.6381, 0.2804,
0.3230

■ 37.8068, 0.2948,
0.3259

■ 40.2215, 0.3098,
0.3285

■ 42.8917, 0.3251,
0.3309

■ 45.8267, 0.3405,
0.3331

■ 49.0349, 0.3558,
0.3350

Harmonies

Analogous

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



29.2057, 0.2588, 0.3548



29.2057, 0.2344, 0.3097



29.2057, 0.2296, 0.2749

Triad

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



29.2057, 0.2344, 0.3097



29.2057, 0.3223, 0.2743



29.2057, 0.3824, 0.4025

Complementary

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



29.2057, 0.2344, 0.3097



14.2197, 0.4931, 0.3447

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.



29.2057, 0.4030, 0.3746



29.2057, 0.2344, 0.3097



29.2057, 0.3673, 0.3030

Square

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



29.2057, 0.2344, 0.3097



29.2057, 0.2775, 0.2579



29.2057, 0.3977, 0.3386



29.2057, 0.3437, 0.4117

Rectangle

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



29.2057, 0.2344, 0.3097



29.2057, 0.2375, 0.2612



29.2057, 0.3977, 0.3386



29.2057, 0.3918, 0.3947

Sweetspot

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



29.2068, 0.2344, 0.3097



64.8040, 0.2840, 0.3237



30.7650, 0.2978, 0.5079



14.2204, 0.2801, 0.3229



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



29.2068, 0.2344, 0.3097



49.7280, 0.2249, 0.3049



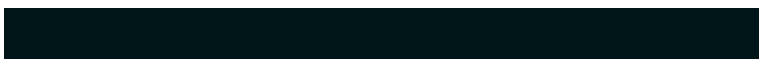
14.6764, 0.2117, 0.2094



8.9279, 0.2986, 0.3266



19.4984, 0.2157, 0.2966



0.5823, 0.2187, 0.3072

Inverse Universe

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



14.9857, 0.3344, 0.2002



22.8986, 0.3398, 0.1828



24.6421, 0.4359, 0.4204



8.1335, 0.3153, 0.3089



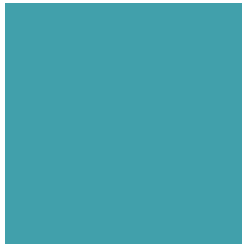
8.2714, 0.3484, 0.1693



0.2341, 0.3391, 0.1642

Previews

White Background



This preview shows how the Yxy color 29.2057, 0.2344, 0.3097 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 29.2057, 0.2344, 0.3097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

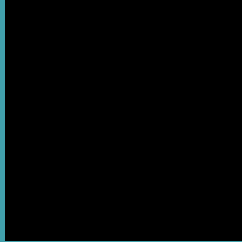
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.2057, 0.2344, 0.3097

Background



This preview shows how black text looks on a background with the Yxy color 29.2057, 0.2344, 0.3097.

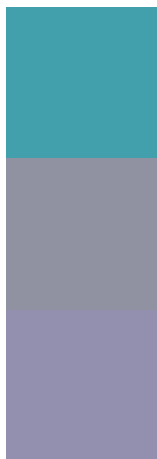


This preview shows how white text looks on a background with the Yxy color 29.2057, 0.2344, 0.3097.

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

29.2057, 0.2344, 0.3097

Protanopia

28.7533, 0.2966, 0.3039

Deuteranopia

28.8511, 0.2860, 0.2805



Tritanopia

29.3170, 0.2337, 0.3064

Trichromacy



Original Color

29.2057, 0.2344, 0.3097

Protanomaly

28.1741, 0.2673, 0.3040

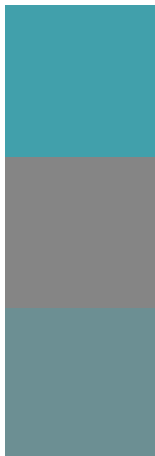
Deuteranomaly

28.3328, 0.2619, 0.2885

Tritanomaly

29.2784, 0.2342, 0.3080

Monochromacy



Original Color

29.2057, 0.2344, 0.3097

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

24.9397, 0.2745, 0.3218

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.2057, 0.2344, 0.3097 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(65, 160, 171)` looks like.

```
.text, #text, p{  
    color:rgb(65, 160, 171)  
}
```

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(65, 160, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 160, 171) }
```

Border

The CSS property to change the border of an element to Yxy 29.2057, 0.2344, 0.3097 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(65, 160, 171) }
```

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

```
.border{ border-color:rgb(65, 160, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 160, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 160, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 160, 171);  
box-shadow:4px 4px 4px 4px rgb(65, 160,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 29.2057, 0.2344, 0.3097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 160, 171) }
```

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

```
.background{ background-color: rgb(65, 160,  
171) }
```

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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