

Converting Colors

$Yxy(29.0305, 0.2370, 0.3330)$

Have a look what the booklet for
Yxy(29.0305, 0.2370, 0.3330)
contains.

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Color

Yxy(29.1281, 0.2375, 0.3342)

Conversions

Conversions Part 1

Format	Color
Hex	36A29F
RGB	54, 162, 159
RGB Percent	21%, 64%, 62%
CMY	0.7881, 0.3647, 0.3765
CMYK	0.67, 0.00, 0.02, 0.36
HSL	178°, 50%, 42%
HSV	178°, 67%, 64%
XYZ	20.7000, 29.1281, 37.3296
YIQ	129.3660, -63.4050, -23.8290

Conversions

Conversions Part 2

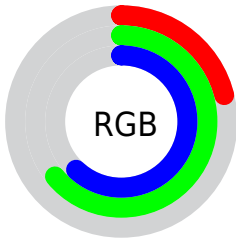
Format	Color
R _Y B	54, 109, 162
Decimal	3580575
CIE Lab	60.89, -30.62, -7.40
CIE LCh	61, 31.499, 193.591
Yxy	29.1281, 0.2375, 0.3342
Android (android.graphics.Color)	4281770655 (0xFF36A29F)
YUV	129.3660, 14.6096, -66.0960
Hunter-Lab	53.9705, -25.9860, -3.2297




Details

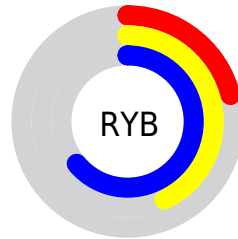
The Yxy color **29.1281, 0.2375, 0.3342** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **10.6178, 0.5201, 0.3256**, and the grayscale version is **22.0550, 0.3127, 0.3290**.




A 20% lighter version of the original color is **58.1256, 0.2520, 0.3328**, and **12.2346, 0.2261, 0.3340** is the 20% darker color. If you saturate the color by 10%, you get **28.7374, 0.2324, 0.3351**, and if you desaturate by 10%, it is **29.6704, 0.2444, 0.3333**.

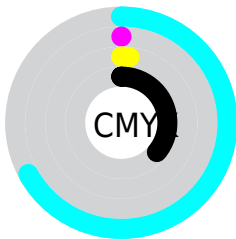
Distribution







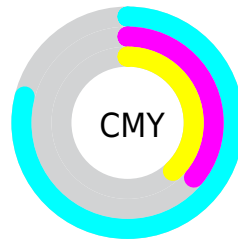
-  Red (21%)
-  Green (64%)
-  Blue (62%)






-  Red (21%)
-  Yellow (43%)
-  Blue (64%)



-  Cyan (67%)
-  Magenta (0%)
-  Yellow (2%)
-  Black (36%)





-  Cyan (79%)
-  Magenta (36%)
-  Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.1281, 0.2375, 0.3342 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 29.1281, 0.2375, 0.3342 by changing the saturation by 10% instead.


 29.1281, 0.2375,
0.3342


 29.1281, 0.2375,
0.3342


297.8189, 0.2772,
0.3323


 19.1777, 0.2269,
0.3343


 58.2806, 0.2524,
0.3337

 11.7988, 0.2130,
0.3343


 78.2514, 0.2579,
0.3335


 6.6068, 0.1938,
0.3337


 102.3313, 0.2624,
0.3332

 3.2174, 0.1660,
0.3316

 130.9045, 0.2663,
0.3330

 1.2463, 0.1061,
0.3313

 164.3555, 0.2696,
0.3328

 0.0990, 0.0000,
0.1367

203.0686, 0.2725,

 0.0000, 0.0000,

0.3326

0.0000

247.4283, 0.2750,
0.3325

■ 29.1281, 0.2375,
0.3342

■ 29.1281, 0.2375,
0.3342

■ 28.7374, 0.2324,
0.3351

■ 29.6704, 0.2444,
0.3333

■ 28.4794, 0.2291,
0.3360

■ 30.3743, 0.2532,
0.3325

■ 28.3326, 0.2274,
0.3369

■ 31.2529, 0.2637,
0.3316

■ 28.2924, 0.2270,
0.3371

■ 32.3169, 0.2756,
0.3308

■ 33.5762, 0.2888,
0.3301

■ 35.0401, 0.3029,
0.3294

■ 36.7171, 0.3177,
0.3288

■ 38.6155, 0.3330,
0.3282

■ 40.7428, 0.3484,
0.3278

Harmonies

Analogous

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



29.1281, 0.2747, 0.3850



29.1281, 0.2375, 0.3342



29.1281, 0.2203, 0.2870

Triad

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



29.1281, 0.2375, 0.3342



29.1281, 0.2946, 0.2562



29.1281, 0.4067, 0.3952

Complementary

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



29.1281, 0.2375, 0.3342



10.6178, 0.5201, 0.3256

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.



29.1281, 0.4149, 0.3575



29.1281, 0.2375, 0.3342



29.1281, 0.3471, 0.2811

Square

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



29.1281, 0.2375, 0.3342



29.1281, 0.2510, 0.2471



29.1281, 0.3926, 0.3169



29.1281, 0.3727, 0.4196

Rectangle

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



29.1281, 0.2375, 0.3342



29.1281, 0.2210, 0.2647



29.1281, 0.3926, 0.3169



29.1281, 0.4127, 0.3835

Sweetspot

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



29.1292, 0.2375, 0.3342



60.0593, 0.2837, 0.3304



26.9961, 0.3050, 0.5377



13.3518, 0.2802, 0.3306



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



29.1292, 0.2375, 0.3342



51.9133, 0.2306, 0.3355



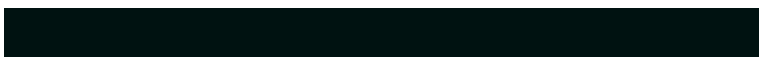
14.8965, 0.2122, 0.2291



8.0078, 0.2991, 0.3296



22.2901, 0.2270, 0.3371



0.4694, 0.2261, 0.3338

Inverse Universe

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



10.6178, 0.5201, 0.3256



15.8301, 0.5858, 0.3265



17.9321, 0.4634, 0.4042



7.0890, 0.3281, 0.3284



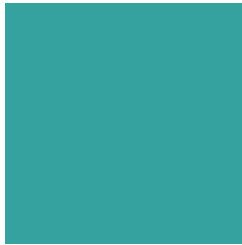
6.0605, 0.6362, 0.3278



0.1282, 0.6180, 0.3178

Previews

White Background



This preview shows how the Yxy color 29.1281, 0.2375, 0.3342 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 29.1281, 0.2375, 0.3342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

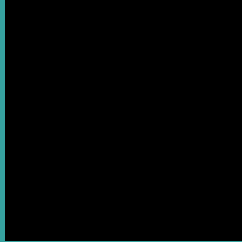
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.1281, 0.2375, 0.3342

Background



This preview shows how black text looks on a background with the Yxy color 29.1281, 0.2375, 0.3342.

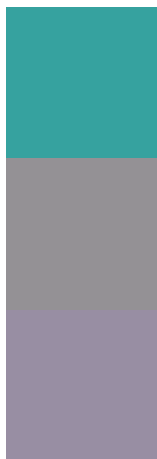


This preview shows how white text looks on a background with the Yxy color 29.1281, 0.2375, 0.3342.

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

29.1281, 0.2375, 0.3342

Protanopia

28.7166, 0.3120, 0.3227

Deuteranopia

28.6657, 0.3028, 0.2969



Tritanopia

29.1508, 0.2315, 0.3062

Trichromacy



Original Color

29.1281, 0.2375, 0.3342

Protanomaly

28.0105, 0.2760, 0.3255

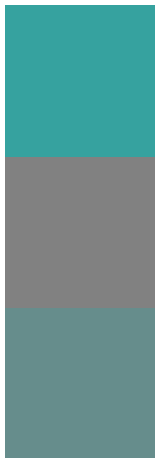
Deuteranomaly

27.8165, 0.2703, 0.3072

Tritanomaly

29.2164, 0.2335, 0.3165

Monochromacy



Original Color

29.1281, 0.2375, 0.3342

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

23.7680, 0.2747, 0.3307

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.1281, 0.2375, 0.3342 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(54, 162, 159)` looks like.

```
.text, #text, p{  
    color:rgb(54, 162, 159)  
}
```

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(54, 162, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 162, 159) }
```

Border

The CSS property to change the border of an element to Yxy 29.1281, 0.2375, 0.3342 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(54, 162, 159) }
```

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

```
.border{ border-color:rgb(54, 162, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 162, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 162, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 162, 159);  
box-shadow:4px 4px 4px 4px rgb(54, 162,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 29.1281, 0.2375, 0.3342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 162, 159) }
```

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

```
.background{ background-color: rgb(54, 162,  
159) }
```

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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