

Converting Colors

$Yxy(29.1007, 0.2358, 0.3438)$

Have a look what the booklet for
Yxy(29.1007, 0.2358, 0.3438)
contains.

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Color

Yxy(29.0324, 0.2358, 0.3435)

Conversions

Conversions Part 1

Format	Color
Hex	29A39B
RGB	41, 163, 155
RGB Percent	16%, 64%, 61%
CMY	0.8388, 0.3608, 0.3922
CMYK	0.75, 0.00, 0.05, 0.36
HSL	176°, 60%, 40%
HSV	176°, 75%, 64%
XYZ	19.9297, 29.0324, 35.5573
YIQ	125.6100, -70.1440, -28.3520

Conversions

Conversions Part 2

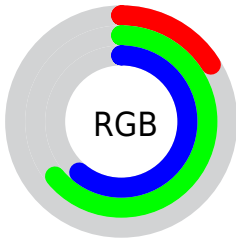
Format	Color
R_{YB}	41, 104, 163
Decimal	2728859
CIE _{Lab}	60.81, -34.03, -5.30
CIE _{LCh}	61, 34.442, 188.845
Yxy	29.0324, 0.2358, 0.3435
Android (android.graphics.Color)	4280918939 (0xFF29A39B)
YUV	125.6100, 14.4893, -74.2030
Hunter-Lab	53.8817, -28.2698, -1.4091

Details

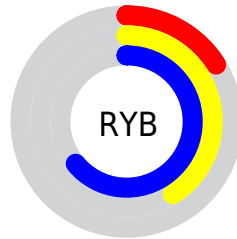
The Yxy color **29.0324, 0.2358, 0.3435** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9.6015, 0.5493, 0.3205**, and the grayscale version is **20.7019, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.8721, 0.2512, 0.3409**, and **12.3684, 0.2298, 0.3474** is the 20% darker color. If you saturate the color by 10%, you get **28.7284, 0.2324, 0.3457**, and if you desaturate by 10%, it is **29.4778, 0.2410, 0.3413**.

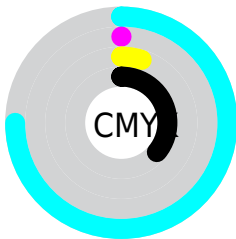
Distribution



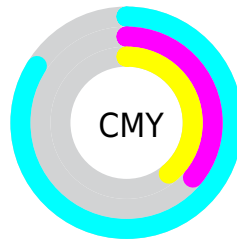
- Red (16%)
- Green (64%)
- Blue (61%)



- Red (16%)
- Yellow (41%)
- Blue (64%)



- Cyan (75%)
- Magenta (0%)
- Yellow (5%)
- Black (36%)




- Cyan (84%)
- Magenta (36%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.0324, 0.2358, 0.3435 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 29.0324, 0.2358, 0.3435 by changing the saturation by 10% instead.

 29.0324, 0.2358,
0.3435


 29.0324, 0.2358,
0.3435


297.3678, 0.2765,
0.3365


 19.1053, 0.2249,
0.3451


 58.1286, 0.2511,
0.3410

 11.7464, 0.2105,
0.3470


 78.0664, 0.2567,
0.3401


 6.5712, 0.1907,
0.3492


 102.1100, 0.2614,
0.3393

 3.1954, 0.1619,
0.3514

 130.6438, 0.2654,
0.3386

 1.2346, 0.0901,
0.3628

 164.0520, 0.2687,
0.3379

 0.0897, 0.0000,
0.1609

202.7192, 0.2717,

 0.0000, 0.0000,

0.3374

0.0000

247.0296, 0.2743,
0.3369

■ 29.0324, 0.2358,
0.3435

■ 29.0324, 0.2358,
0.3435

■ 28.7284, 0.2324,
0.3457

■ 29.4778, 0.2410,
0.3413

■ 28.5436, 0.2308,
0.3478

■ 30.0765, 0.2480,
0.3392

■ 28.4704, 0.2303,
0.3489

■ 30.8430, 0.2569,
0.3371

■ 31.7889, 0.2673,
0.3351

■ 32.9252, 0.2791,
0.3332

■ 34.2618, 0.2921,
0.3314

■ 35.8078, 0.3059,
0.3297

■ 37.5719, 0.3203,
0.3282

■ 39.5624, 0.3350,
0.3269

Harmonies

Analogous

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



29.0324, 0.2788, 0.3984



29.0324, 0.2358, 0.3435



29.0324, 0.2138, 0.2898

Triad

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



29.0324, 0.2358, 0.3435



29.0324, 0.2842, 0.2474



29.0324, 0.4188, 0.3945

Complementary

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



29.0324, 0.2358, 0.3435



9.6015, 0.5493, 0.3205

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.



29.0324, 0.4230, 0.3522



29.0324, 0.2358, 0.3435



29.0324, 0.3410, 0.2717

Square

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



29.0324, 0.2358, 0.3435



29.0324, 0.2397, 0.2404



29.0324, 0.3937, 0.3088



29.0324, 0.3850, 0.4251

Rectangle

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



29.0324, 0.2358, 0.3435



29.0324, 0.2122, 0.2635



29.0324, 0.3937, 0.3088



29.0324, 0.4239, 0.3811

Sweetspot

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



29.0335, 0.2358, 0.3435



59.5040, 0.2821, 0.3327



27.0133, 0.3057, 0.5589



13.2349, 0.2789, 0.3332



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.



29.0335, 0.2358, 0.3435



51.2030, 0.2311, 0.3472



14.3071, 0.2046, 0.2230



8.0032, 0.2996, 0.3305



22.1297, 0.2302, 0.3487



0.4672, 0.2280, 0.3409

Inverse Universe

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



9.6015, 0.5493, 0.3205



14.6012, 0.6126, 0.3240



15.9384, 0.4925, 0.4025



7.0932, 0.3275, 0.3276



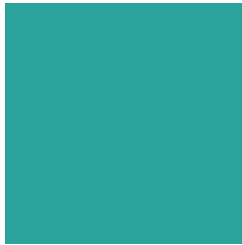
6.0725, 0.6309, 0.3249



0.1297, 0.5910, 0.3030

Previews

White Background



This preview shows how the Yxy color 29.0324, 0.2358, 0.3435 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 29.0324, 0.2358, 0.3435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

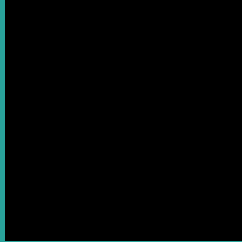
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.0324, 0.2358, 0.3435

Background



This preview shows how black text looks on a background with the Yxy color 29.0324, 0.2358, 0.3435.

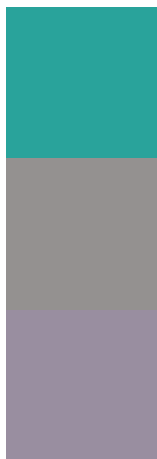


This preview shows how white text looks on a background with the Yxy color 29.0324, 0.2358, 0.3435.

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

29.0324, 0.2358, 0.3435

Protanopia

28.5603, 0.3169, 0.3306

Deuteranopia

28.6564, 0.3067, 0.3014



Tritanopia

28.9156, 0.2284, 0.3061

Trichromacy



Original Color

29.0324, 0.2358, 0.3435



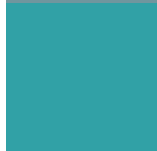
Protanomaly

27.8458, 0.2760, 0.3358



Deuteranomaly

27.7261, 0.2702, 0.3153



Tritanomaly

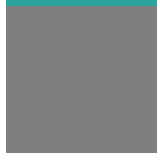
28.8959, 0.2313, 0.3198

Monochromacy



Original Color

29.0324, 0.2358, 0.3435



Achromatopsia

20.8637, 0.3127, 0.3290



Achromatomaly

22.7043, 0.2706, 0.3327

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0324, 0.2358, 0.3435 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(41, 163, 155)` looks like.

```
.text, #text, p{  
    color:rgb(41, 163, 155)  
}
```

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(41, 163, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 163, 155) }
```

Border

The CSS property to change the border of an element to Yxy 29.0324, 0.2358, 0.3435 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(41, 163, 155) }
```

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

```
.border{ border-color:rgb(41, 163, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 163, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 163, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 163, 155);  
box-shadow:4px 4px 4px 4px rgb(41, 163,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0324, 0.2358, 0.3435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 163, 155) }
```

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

```
.background{ background-color: rgb(41, 163,  
155) }
```

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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