

Converting Colors

$Yxy(29.2834, 0.2424, 0.3370)$

Have a look what the booklet for
Yxy(29.2834, 0.2424, 0.3370)
contains.

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Color

Yxy(29.3317, 0.2425, 0.3378)

Conversions

Conversions Part 1

Format	Color
Hex	3FA29D
RGB	63, 162, 157
RGB Percent	25%, 64%, 62%
CMY	0.7528, 0.3647, 0.3844
CMYK	0.61, 0.00, 0.03, 0.36
HSL	177°, 44%, 44%
HSV	177°, 61%, 64%
XYZ	21.0567, 29.3317, 36.4432
YIQ	131.8290, -57.3990, -22.5430

Conversions

Conversions Part 2

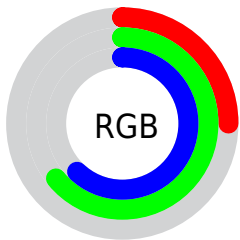
Format	Color
R_{YB}	63, 114, 162
Decimal	4170397
CIE _{Lab}	61.07, -29.67, -5.98
CIE _{LCh}	61, 30.265, 191.389
Yxy	29.3317, 0.2425, 0.3378
Android (android.graphics.Color)	4282360477 (0xFF3FA29D)
YUV	131.8290, 12.4093, -60.3630
Hunter-Lab	54.1587, -25.3779, -1.9849

Details

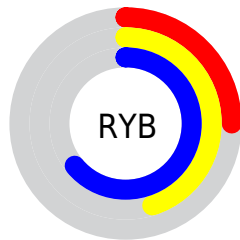
The Yxy color **29.3317, 0.2425, 0.3378** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **11.6590, 0.4899, 0.3223**, and the grayscale version is **22.9835, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.4664, 0.2569, 0.3367**, and **12.1925, 0.2276, 0.3394** is the 20% darker color. If you saturate the color by 10%, you get **28.8473, 0.2365, 0.3395**, and if you desaturate by 10%, it is **29.9755, 0.2503, 0.3362**.

Distribution



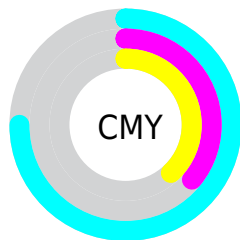
- Red (25%)
- Green (64%)
- Blue (62%)



- Red (25%)
- Yellow (45%)
- Blue (64%)



- Cyan (61%)
- Magenta (0%)
- Yellow (3%)
- Black (36%)





- Cyan (75%)
- Magenta (36%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.3317, 0.2425, 0.3378 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 29.3317, 0.2425, 0.3378 by changing the saturation by 10% instead.


 29.3317, 0.2425,
0.3378


 29.3317, 0.2425,
0.3378


298.7768, 0.2796,
0.3338


 19.3319, 0.2326,
0.3386


 58.6037, 0.2565,
0.3365


 11.9103, 0.2194,
0.3395


 78.6446, 0.2616,
0.3359


 6.6827, 0.2013,
0.3402


 102.8014, 0.2659,
0.3355

 3.2644, 0.1748,
0.3405

 131.4585, 0.2695,
0.3351

 1.2713, 0.1192,
0.3437

 165.0001, 0.2726,
0.3347

 0.1188, 0.0000,
0.1784

203.8108, 0.2752,

 0.0000, 0.0000,

0.3344

0.0000

248.2749, 0.2776,
0.3341

■ 29.3317, 0.2425,
0.3378

■ 29.3317, 0.2425,
0.3378

■ 28.8473, 0.2365,
0.3395

■ 29.9755, 0.2503,
0.3362

■ 28.5048, 0.2324,
0.3411

■ 30.7877, 0.2599,
0.3346

■ 28.2884, 0.2300,
0.3427

■ 31.7809, 0.2710,
0.3331

■ 28.1670, 0.2290,
0.3442

■ 32.9653, 0.2834,
0.3317

■ 34.3503, 0.2969,
0.3303

■ 35.9448, 0.3111,
0.3291

■ 37.7572, 0.3259,
0.3280

■ 39.7954, 0.3409,
0.3270

■ 42.0669, 0.3559,
0.3262

Harmonies

Analogous

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



29.3317, 0.2796, 0.3856



29.3317, 0.2425, 0.3378



29.3317, 0.2243, 0.2918

Triad

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



29.3317, 0.2425, 0.3378



29.3317, 0.2919, 0.2577



29.3317, 0.4045, 0.3905

Complementary

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



29.3317, 0.2425, 0.3378



11.6590, 0.4899, 0.3223

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.



29.3317, 0.4101, 0.3538



29.3317, 0.2425, 0.3378



29.3317, 0.3420, 0.2807

Square

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



29.3317, 0.2425, 0.3378



29.3317, 0.2509, 0.2503



29.3317, 0.3867, 0.3148



29.3317, 0.3734, 0.4149

Rectangle

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



29.3317, 0.2425, 0.3378



29.3317, 0.2239, 0.2693



29.3317, 0.3867, 0.3148



29.3317, 0.4095, 0.3791

Sweetspot

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



29.3328, 0.2425, 0.3378



60.4987, 0.2870, 0.3313



27.4889, 0.3081, 0.5190



13.4385, 0.2833, 0.3317



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.



29.3328, 0.2425, 0.3378



52.1373, 0.2350, 0.3400



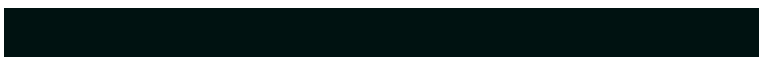
16.8885, 0.2210, 0.2458



8.0050, 0.2994, 0.3301



22.1925, 0.2289, 0.3441



0.4681, 0.2272, 0.3381

Inverse Universe

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



11.6590, 0.4899, 0.3223



17.2671, 0.5507, 0.3226



18.3330, 0.4512, 0.3949



7.0915, 0.3277, 0.3279



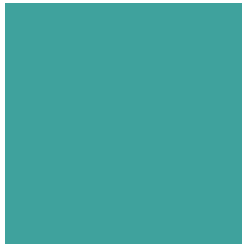
6.0677, 0.6330, 0.3261



0.1291, 0.6014, 0.3087

Previews

White Background



This preview shows how the Yxy color 29.3317, 0.2425, 0.3378 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 29.3317, 0.2425, 0.3378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

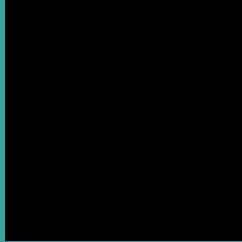
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.3317, 0.2425, 0.3378

Background



This preview shows how black text looks on a background with the Yxy color 29.3317, 0.2425, 0.3378.

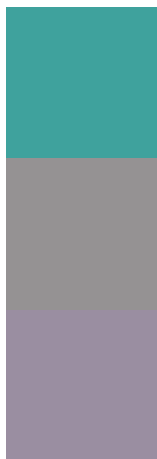


This preview shows how white text looks on a background with the Yxy color 29.3317, 0.2425, 0.3378.

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

29.3317, 0.2425, 0.3378

Protanopia

29.0539, 0.3149, 0.3274

Deuteranopia

28.7892, 0.3068, 0.3001



Tritanopia

29.4608, 0.2355, 0.3065

Trichromacy



Original Color

29.3317, 0.2425, 0.3378

Protanomaly

28.5424, 0.2813, 0.3306

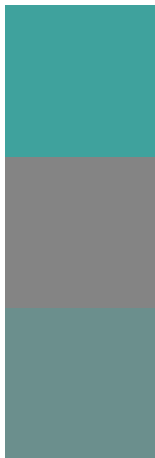
Deuteranomaly

28.0979, 0.2762, 0.3107

Tritanomaly

29.4731, 0.2380, 0.3183

Monochromacy



Original Color

29.3317, 0.2425, 0.3378

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

24.6938, 0.2787, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.3317, 0.2425, 0.3378 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(63, 162, 157)` looks like.

```
.text, #text, p{  
    color:rgb(63, 162, 157)  
}
```

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(63, 162, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 162, 157) }
```

Border

The CSS property to change the border of an element to Yxy 29.3317, 0.2425, 0.3378 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(63, 162, 157) }
```

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

```
.border{ border-color:rgb(63, 162, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 162, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 162, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 162, 157);  
box-shadow:4px 4px 4px 4px rgb(63, 162,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 29.3317, 0.2425, 0.3378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 162, 157) }
```

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

```
.background{ background-color: rgb(63, 162,  
157) }
```

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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