

Converting Colors

$Y_{xy}(10.3468, 0.2625, 0.3330)$

Have a look what the booklet for
Yxy(10.3468, 0.2625, 0.3330)
contains.

Yxy(10.2935, 0.2619, 0.3315)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(10.2935, 0.2619, 0.3315)

Conversions

Conversions Part 1

Format	Color
Hex	3A6160
RGB	58, 97, 96
RGB Percent	23%, 38%, 38%
CMY	0.7724, 0.6196, 0.6235
CMYK	0.40, 0.00, 0.01, 0.62
HSL	178°, 25%, 30%
HSV	178°, 40%, 38%
XYZ	8.1323, 10.2935, 12.6255
YIQ	85.2250, -22.9230, -8.5790

Conversions

Conversions Part 2

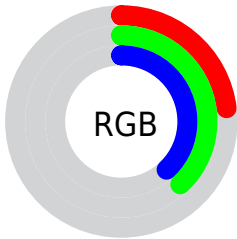
Format	Color
RYB	58, 78, 97
Decimal	3826016
CIELab	38.36, -14.00, -3.80
CIElCh	38, 14.509, 195.166
Yxy	10.2935, 0.2619, 0.3315
Android (android.graphics.Color)	4282016096 (0xFF3A6160)
YUV	85.2250, 5.3121, -23.8763
Hunter-Lab	32.0835, -10.9010, -0.8733

Details

The Yxy color **10.2935, 0.2619, 0.3315** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5.8864, 0.4015, 0.3267**, and the grayscale version is **9.1278, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.4433, 0.2761, 0.3324**, and **2.5631, 0.2330, 0.3288** is the 20% darker color. If you saturate the color by 10%, you get **10.0254, 0.2522, 0.3322**, and if you desaturate by 10%, it is **10.6173, 0.2730, 0.3308**.

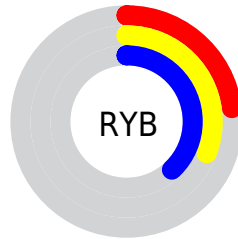
Distribution



Red (23%)

Green (38%)

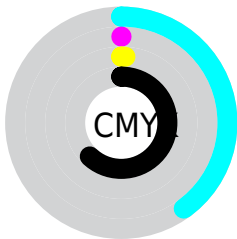
Blue (38%)



Red (23%)

Yellow (31%)

Blue (38%)

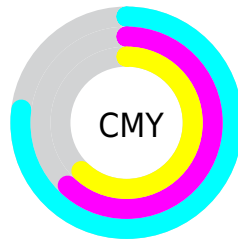


Cyan (40%)

Magenta (0%)

Yellow (1%)

Black (62%)



Cyan (77%)


Magenta (62%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.2935, 0.2619, 0.3315 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 10.2935, 0.2619, 0.3315 by changing the saturation by 10% instead.


 10.2935, 0.2619,
0.3315


 10.2935, 0.2619,
0.3315


 192.7542, 0.2933,
0.3303


 5.5940, 0.2509,
0.3316

 26.3461, 0.2753,
0.3312


 2.5998, 0.2338,
0.3314


 38.4680, 0.2796,
0.3310

 0.9266, 0.1941,
0.3342

 53.8328, 0.2831,
0.3309

 0.0000, 0.0000,
0.0000

 72.8249, 0.2859,
0.3307

 95.8287, 0.2882,
0.3306

 123.2285, 0.2902,

0.3305

155.4089, 0.2918,
0.3304

■ 10.2935, 0.2619,
0.3315

■ 10.2935, 0.2619,
0.3315

■ 10.0254, 0.2522,
0.3322

■ 10.6173, 0.2730,
0.3308

■ 9.8085, 0.2439,
0.3330

■ 10.9983, 0.2853,
0.3302

■ 9.6401, 0.2374,
0.3337


■ 11.4397, 0.2985,
0.3296

■ 9.5162, 0.2325,
0.3345

■ 11.9438, 0.3125,
0.3290

■ 9.4324, 0.2292,
0.3353

■ 12.5131, 0.3269,
0.3285

 9.3665, 0.2267,
0.3360

 13.1497, 0.3415,
0.3281

 13.8558, 0.3561,
0.3277

 14.6335, 0.3707,
0.3273

 15.4846, 0.3849,
0.3270

Harmonies

Analogous

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



10.2935, 0.2868, 0.3631



10.2935, 0.2619, 0.3315



10.2935, 0.2504, 0.3012

Triad

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



10.2935, 0.2619, 0.3315



10.2935, 0.3031, 0.2804



10.2935, 0.3738, 0.3751

Complementary

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



10.2935, 0.2619, 0.3315



5.8864, 0.4015, 0.3267

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.



10.2935, 0.3793, 0.3510



10.2935, 0.2619, 0.3315



10.2935, 0.3373, 0.2981

Square

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



10.2935, 0.2619, 0.3315



10.2935, 0.2732, 0.2739



10.2935, 0.3657, 0.3233



10.2935, 0.3515, 0.3883

Rectangle

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



10.2935, 0.2619, 0.3315



10.2935, 0.2514, 0.2863



10.2935, 0.3657, 0.3233



10.2935, 0.3777, 0.3679

Sweetspot

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



10.2939, 0.2619, 0.3315



19.4364, 0.2956, 0.3297



9.7945, 0.3092, 0.4413



4.8107, 0.2945, 0.3297



52.2522, 0.3127, 0.3290



5.0876, 0.3127, 0.3290

Same Dimension

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



10.2939, 0.2619, 0.3315



17.2182, 0.2529, 0.3322



7.3284, 0.2534, 0.2777



2.8938, 0.3003, 0.3295



12.7440, 0.2267, 0.3362



68.0609, 0.2268, 0.3366

Inverse Universe

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



5.8864, 0.4015, 0.3267



8.5331, 0.4335, 0.3263



8.0456, 0.3864, 0.3749



2.5913, 0.3266, 0.3285



3.4641, 0.6352, 0.3273



18.4862, 0.6381, 0.3289

Previews

White Background



This preview shows how the Yxy color 10.2935, 0.2619, 0.3315 looks on a white 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

Black Background



This preview shows how the Yxy color 10.2935, 0.2619, 0.3315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

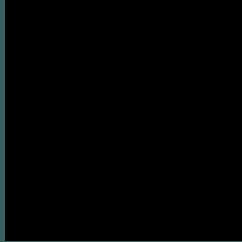
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.2935, 0.2619, 0.3315

Background



This preview shows how black text looks on a background with the Yxy color 10.2935, 0.2619, 0.3315.



This preview shows how white text looks on a background with the Yxy color 10.2935, 0.2619, 0.3315.

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

10.2935, 0.2619, 0.3315

Protanopia

10.3092, 0.3113, 0.3241

Deuteranopia

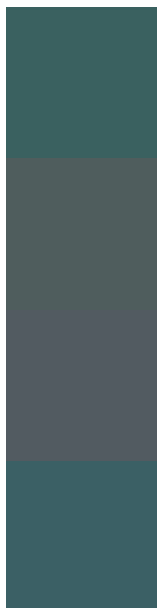
10.1311, 0.3091, 0.3031



Tritanopia

10.3259, 0.2550, 0.3081

Trichromacy



Original Color

10.2935, 0.2619, 0.3315

Protanomaly

10.2813, 0.2916, 0.3289

Deuteranomaly

10.1391, 0.2904, 0.3140

Tritanomaly

10.2351, 0.2571, 0.3157

Monochromacy



Original Color

10.2935, 0.2619, 0.3315

Achromatopsia

9.0842, 0.3127, 0.3290

Achromatomaly

9.3619, 0.2908, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.2935, 0.2619, 0.3315 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(58, 97, 96)` looks like.

```
.text, #text, p{  
    color:rgb(58, 97, 96)  
}
```

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(58, 97, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 97, 96) }
```

Border

The CSS property to change the border of an element to Yxy 10.2935, 0.2619, 0.3315 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(58, 97, 96) }
```

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

```
.border{ border-color:rgb(58, 97, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 97, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 97, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 97, 96);  
box-shadow:4px 4px 4px 4px rgb(58, 97, 96)  
}
```


Background

The CSS property to change the background color of an element to Yxy 10.2935, 0.2619, 0.3315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 97, 96) }
```

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

```
.background{ background-color: rgb(58, 97,  
96) }
```

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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