

Converting Colors

$Y_{xy}(35.3055, 0.2738, 0.3242)$

Have a look what the booklet for
Yxy(35.3055, 0.2738, 0.3242)
contains.

Yxy(35.3055, 0.2738, 0.3242)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(35.3055, 0.2738, 0.3242)

Conversions

Conversions Part 1

Format	Color
Hex	7DA8AB
RGB	125, 168, 171
RGB Percent	49%, 66%, 67%
CMY	0.5096, 0.3412, 0.3294
CMYK	0.27, 0.02, 0.00, 0.33
HSL	184°, 21%, 58%
HSV	184°, 27%, 67%
XYZ	29.8169, 35.3055, 43.7779
YIQ	155.4850, -26.5910, -8.1830

Conversions

Conversions Part 2

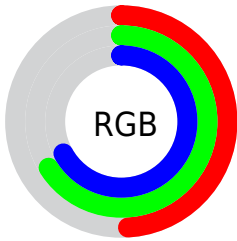
Format	Color
RYB	125, 147, 171
Decimal	8235179
CIELab	65.99, -13.65, -6.26
CIELCh	66, 15.016, 204.637
Yxy	35.3055, 0.2738, 0.3242
Android (android.graphics.Color)	4286425259 (0xFF7DA8AB)
YUV	155.4850, 7.6489, -26.7353
Hunter-Lab	59.4184, -14.4087, -2.0904

Details

The Yxy color **35.3055, 0.2738, 0.3242** is a light color, and the websafe version is hex **669999**. A complement of this color would be **25.5986, 0.3681, 0.3337**, and the grayscale version is **32.9838, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.8500, 0.2815, 0.3254**, and **15.2785, 0.2614, 0.3222** is the 20% darker color. If you saturate the color by 10%, you get **33.7147, 0.2611, 0.3222**, and if you desaturate by 10%, it is **37.1244, 0.2876, 0.3261**.

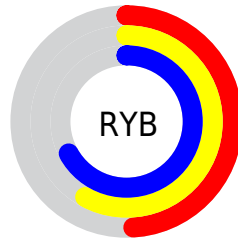
Distribution



Red (49%)

Green (66%)

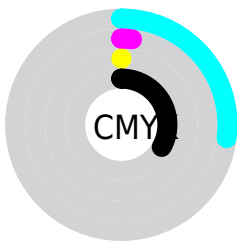
Blue (67%)



Red (49%)

Yellow (58%)

Blue (67%)

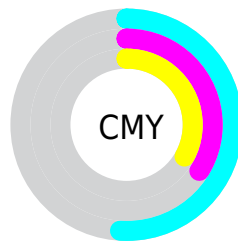


Cyan (27%)

Magenta (2%)

Yellow (0%)

Black (33%)



Cyan (51%)


Magenta (34%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.3055, 0.2738, 0.3242 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 35.3055, 0.2738, 0.3242 by changing the saturation by 10% instead.

 35.3055, 0.2738,
0.3242


 35.3055, 0.2738,
0.3242

325.9147, 0.2939,
0.3270

 23.8983, 0.2685,
0.3234


 67.9588, 0.2813,
0.3253

 15.2582, 0.2617,
0.3222


 89.9736, 0.2840,
0.3257

 9.0008, 0.2523,
0.3205


 116.2932, 0.2864,
0.3260

 4.7417, 0.2387,
0.3177

147.3018, 0.2883,
0.3263

 2.0965, 0.2174,
0.3126

183.3838, 0.2900,
0.3265

 0.6627, 0.1392,
0.3108

224.9237, 0.2915,

 0.0000, 0.0000,

0.3267

0.0000

272.3059, 0.2928,
0.3269

■ 35.3055, 0.2738,
0.3242

■ 35.3055, 0.2738,
0.3242

■ 33.7147, 0.2611,
0.3222

■ 37.1244, 0.2876,
0.3261

■ 32.3363, 0.2499,
0.3201

■ 39.1776, 0.3023,
0.3279

■ 31.1595, 0.2402,
0.3179

■ 41.4764, 0.3175,
0.3295

■ 30.1705, 0.2324,
0.3157

■ 44.0303, 0.3330,
0.3310

■ 29.3539, 0.2264,
0.3135

■ 46.8478, 0.3486,
0.3323

■ 28.6920, 0.2222,
0.3113

■ 49.9375, 0.3640,
0.3335

■ 28.1587, 0.2197,
0.3091

■ 53.3074, 0.3791,
0.3345

■ 28.0026, 0.2190,
0.3085

■ 55.6405, 0.3878,
0.3355

■ 56.0866, 0.3874,
0.3367

Harmonies

Analogous

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



35.3055, 0.2887, 0.3458



35.3055, 0.2738, 0.3242



35.3055, 0.2690, 0.3050

Triad

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



35.3055, 0.2738, 0.3242



35.3055, 0.3138, 0.2981



35.3055, 0.3510, 0.3649

Complementary

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



35.3055, 0.2738, 0.3242



25.5986, 0.3681, 0.3337

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.



35.3055, 0.3585, 0.3506



35.3055, 0.2738, 0.3242



35.3055, 0.3366, 0.3127

Square

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



35.3055, 0.2738, 0.3242



35.3055, 0.2915, 0.2909



35.3055, 0.3532, 0.3316



35.3055, 0.3332, 0.3699

Rectangle

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



35.3055, 0.2738, 0.3242



35.3055, 0.2720, 0.2961



35.3055, 0.3532, 0.3316



35.3055, 0.3548, 0.3610

Sweetspot

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



35.3069, 0.2738, 0.3242



69.6633, 0.3004, 0.3277



35.0365, 0.3074, 0.4006



15.4099, 0.2982, 0.3274



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.



35.3069, 0.2738, 0.3242



61.5511, 0.2664, 0.3231



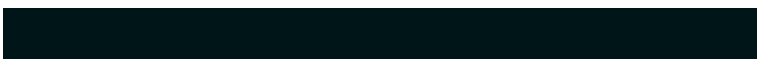
27.7803, 0.2704, 0.2883



8.9805, 0.2986, 0.3275



21.1359, 0.2191, 0.3087



0.6143, 0.2209, 0.3153

Inverse Universe

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



26.1662, 0.3190, 0.2675



42.6127, 0.3205, 0.2545



32.0598, 0.3597, 0.3665



8.1389, 0.3147, 0.3081



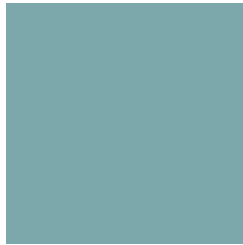
8.4367, 0.3378, 0.1635



0.2374, 0.3322, 0.1604

Previews

White Background



This preview shows how the Yxy color 35.3055, 0.2738, 0.3242 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 35.3055, 0.2738, 0.3242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

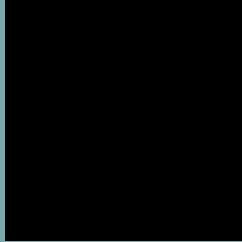
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.3055, 0.2738, 0.3242

Background



This preview shows how black text looks on a background with the Yxy color 35.3055, 0.2738, 0.3242.

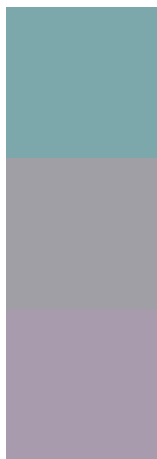


This preview shows how white text looks on a background with the Yxy color 35.3055, 0.2738, 0.3242.

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

35.3055, 0.2738, 0.3242

Protanopia

35.1265, 0.3084, 0.3188

Deuteranopia

34.9337, 0.3091, 0.3023



Tritanopia

35.4447, 0.2687, 0.3092

Trichromacy



Original Color

35.3055, 0.2738, 0.3242

Protanomaly

34.9637, 0.2947, 0.3200

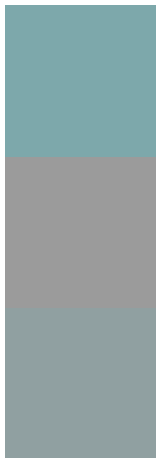
Deuteranomaly

34.9310, 0.2950, 0.3099

Tritanomaly

35.2474, 0.2701, 0.3136

Monochromacy



Original Color

35.3055, 0.2738, 0.3242

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

33.6441, 0.2969, 0.3274

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.3055, 0.2738, 0.3242 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(125, 168, 171)` looks like.

```
.text, #text, p{  
    color:rgb(125, 168, 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(125, 168, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 168, 171) }
```

Border

The CSS property to change the border of an element to Yxy 35.3055, 0.2738, 0.3242 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(125, 168, 171) }
```

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

```
.border{ border-color:rgb(125, 168, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 168, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 168, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 168, 171);  
box-shadow:4px 4px 4px 4px rgb(125, 168,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 35.3055, 0.2738, 0.3242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 168, 171) }
```

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

```
.background{ background-color: rgb(125,  
168, 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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