

Converting Colors

$Y_{xy}(35.2626, 0.2695, 0.3112)$

Have a look what the booklet for
Yxy(35.2626, 0.2695, 0.3112)
contains.

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Color

Yxy(35.3638, 0.2701, 0.3121)

Conversions

Conversions Part 1	
Format	Color
Hex	7FA7B2
RGB	127, 167, 178
RGB Percent	50%, 65%, 70%
CMY	0.5021, 0.3451, 0.3019
CMYK	0.29, 0.06, 0.00, 0.30
HSL	193°, 25%, 60%
HSV	193°, 29%, 70%
XYZ	30.6048, 35.3638, 47.3406
YIQ	156.2940, -27.3710, -5.0590

Conversions

Conversions Part 2

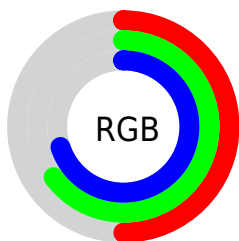
Format	Color
RYB	127, 149, 178
Decimal	8366002
CIELab	66.03, -10.88, -10.08
CIELCh	66, 14.831, 222.829
Yxy	35.3638, 0.2701, 0.3121
Android (android.graphics.Color)	4286556082 (0xFF7FA7B2)
YUV	156.2940, 10.7011, -25.6908
Hunter-Lab	59.4675, -12.2034, -5.5721

Details

The Yxy color **35.3638, 0.2701, 0.3121** is a light color, and the websafe version is hex **669999**. A complement of this color would be **29.1698, 0.3702, 0.3452**, and the grayscale version is **33.3428, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.0068, 0.2781, 0.3151**, and **15.2786, 0.2575, 0.3070** is the 20% darker color. If you saturate the color by 10%, you get **32.7314, 0.2564, 0.3053**, and if you desaturate by 10%, it is **38.2823, 0.2846, 0.3185**.

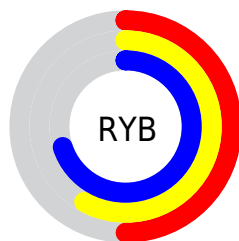
Distribution



Red (50%)

Green (65%)

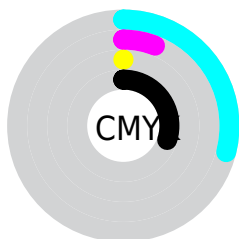
Blue (70%)



Red (50%)

Yellow (58%)

Blue (70%)

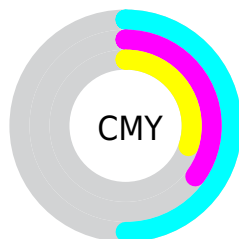


Cyan (29%)

Magenta (6%)

Yellow (0%)

Black (30%)



Cyan (50%)


Magenta (35%)


Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.3638, 0.2701, 0.3121 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 35.3638, 0.2701, 0.3121 by changing the saturation by 10% instead.


 35.3638, 0.2701,
0.3121


 35.3638, 0.2701,
0.3121


326.1712, 0.2921,
0.3212


 23.9432, 0.2644,
0.3096


 68.0490, 0.2783,
0.3156

 15.2915, 0.2569,
0.3062


 90.0824, 0.2813,
0.3169

 9.0242, 0.2468,
0.3014


 116.4222, 0.2838,
0.3179

 4.7570, 0.2322,
0.2942

147.4528, 0.2859,
0.3188

 2.1054, 0.2097,
0.2822

183.5586, 0.2878,
0.3195

 0.6677, 0.1448,
0.2620


225.1240, 0.2894,

 0.0000, 0.0000,

0.3202

0.0000

272.5334, 0.2908,
0.3207


 35.3638, 0.2701,
0.3121


 35.3638, 0.2701,
0.3121


 32.7314, 0.2564,
0.3053


 38.2823, 0.2846,
0.3185


 30.3677, 0.2438,
0.2980

 41.4948, 0.2996,
0.3243


 28.2600, 0.2326,
0.2905

 45.0139, 0.3147,
0.3297

 26.3924, 0.2231,
0.2827

 48.8506, 0.3299,
0.3345

 24.7472, 0.2154,
0.2749

 53.0147, 0.3448,
0.3388

■ 23.3037, 0.2097,
0.2670

■ 57.5162, 0.3593,
0.3426

■ 22.0254, 0.2056,
0.2593

■ 62.3640, 0.3733,
0.3459

■ 21.8617, 0.2051,
0.2582

■ 64.7361, 0.3750,
0.3497

■ 66.5104, 0.3738,
0.3537

Harmonies

Analogous

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



35.3638, 0.2790, 0.3328



35.3638, 0.2701, 0.3121



35.3638, 0.2720, 0.2971

Triad

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



35.3638, 0.2701, 0.3121



35.3638, 0.3278, 0.3065



35.3638, 0.3408, 0.3687

Complementary

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



35.3638, 0.2701, 0.3121



29.1698, 0.3702, 0.3452

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.



35.3638, 0.3548, 0.3598



35.3638, 0.2701, 0.3121



35.3638, 0.3473, 0.3240

Square

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



35.3638, 0.2701, 0.3121



35.3638, 0.3047, 0.2946



35.3638, 0.3573, 0.3433



35.3638, 0.3195, 0.3666

Rectangle

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



35.3638, 0.2701, 0.3121



35.3638, 0.2793, 0.2920



35.3638, 0.3573, 0.3433



35.3638, 0.3465, 0.3669

Sweetspot

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



35.3652, 0.2701, 0.3121



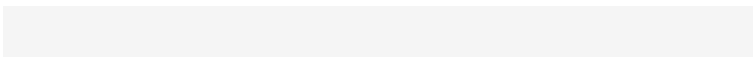
74.9397, 0.2988, 0.3241



38.1686, 0.3012, 0.3938



16.4099, 0.2966, 0.3233



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



35.3652, 0.2701, 0.3121



61.2347, 0.2619, 0.3081



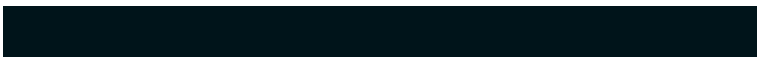
27.1558, 0.2660, 0.2726



9.3143, 0.2986, 0.3240



15.7336, 0.2053, 0.2591



0.5727, 0.2113, 0.2808

Inverse Universe

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



27.4286, 0.3277, 0.2730



44.9048, 0.3315, 0.2613



37.0876, 0.3607, 0.3796



8.6147, 0.3169, 0.3113



8.1284, 0.3833, 0.1885



0.2636, 0.3628, 0.1772

Previews

White Background



This preview shows how the Yxy color 35.3638, 0.2701, 0.3121 looks on a white background.

Color Contrast Check

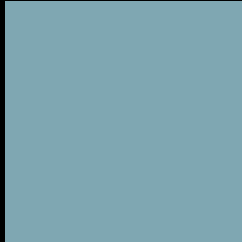
Large Text (above 18pt) WCAG AA × Fail

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 35.3638, 0.2701, 0.3121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

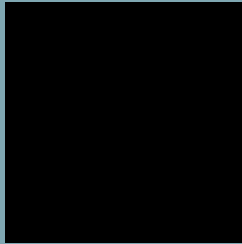
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

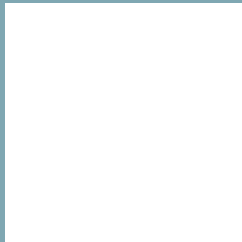
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.3638, 0.2701, 0.3121

Background



This preview shows how black text looks on a background with the Yxy color 35.3638, 0.2701, 0.3121.



This preview shows how white text looks on a background with the Yxy color 35.3638, 0.2701, 0.3121.

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

35.3638, 0.2701, 0.3121

Protanopia

35.1843, 0.3005, 0.3088

Deuteranopia

35.1792, 0.3010, 0.2953



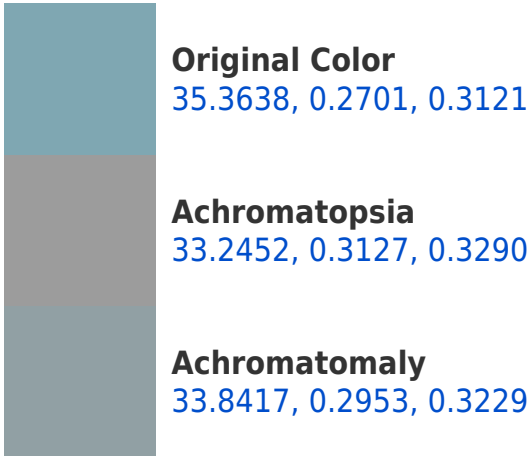
Tritanopia

35.4447, 0.2687, 0.3092

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.3638, 0.2701, 0.3121 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(127, 167, 178)` looks like.

```
.text, #text, p{  
    color:rgb(127, 167, 178)  
}
```

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(127, 167, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 167, 178) }
```

Border

The CSS property to change the border of an element to Yxy 35.3638, 0.2701, 0.3121 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(127, 167, 178) }
```

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

```
.border{ border-color:rgb(127, 167, 178) }
```

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

Here you see how a box with a 4 pixel rgb(127, 167, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 167, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 167, 178);  
box-shadow:4px 4px 4px 4px rgb(127, 167,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 35.3638, 0.2701, 0.3121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 167, 178) }
```

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

```
.background{ background-color: rgb(127,  
167, 178) }
```

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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