

Converting Colors

$Yxy(33.9155, 0.2702, 0.3194)$

Have a look what the booklet for
Yxy(33.9155, 0.2702, 0.3194)
contains.

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Color

Yxy(33.9155, 0.2702, 0.3194)

Conversions

Conversions Part 1

Format	Color
Hex	79A5AB
RGB	121, 165, 171
RGB Percent	47%, 65%, 67%
CMY	0.5256, 0.3529, 0.3293
CMYK	0.29, 0.04, 0.00, 0.33
HSL	187°, 23%, 57%
HSV	187°, 29%, 67%
XYZ	28.6912, 33.9155, 43.5783
YIQ	152.5280, -28.1500, -7.4620

Conversions

Conversions Part 2

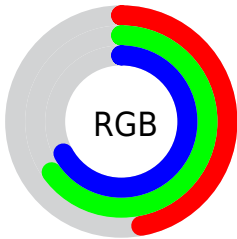
Format	Color
RYB	121, 144, 171
Decimal	7972267
CIELab	64.90, -13.28, -7.91
CIElCh	65, 15.459, 210.796
Yxy	33.9155, 0.2702, 0.3194
Android (android.graphics.Color)	4286162347 (0xFF79A5AB)
YUV	152.5280, 9.1067, -27.6501
Hunter-Lab	58.2370, -13.9745, -3.6004

Details

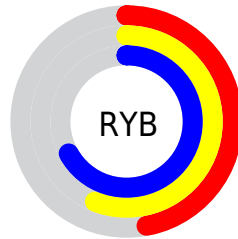
The Yxy color **33.9155, 0.2702, 0.3194** is a light color, and the websafe version is hex **669999**. A complement of this color would be **25.2230, 0.3735, 0.3383**, and the grayscale version is **31.6082, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.7913, 0.2788, 0.3218**, and **14.4443, 0.2566, 0.3152** is the 20% darker color. If you saturate the color by 10%, you get **32.0517, 0.2574, 0.3157**, and if you desaturate by 10%, it is **36.0130, 0.2841, 0.3229**.

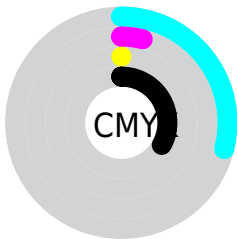
Distribution



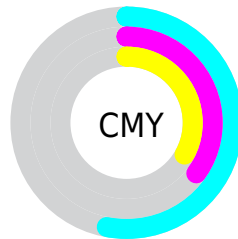
- Red (47%)
- Green (65%)
- Blue (67%)



- Red (47%)
- Yellow (56%)
- Blue (67%)



- Cyan (29%)
- Magenta (4%)
- Yellow (0%)
- Black (33%)



- Cyan (53%)
- Magenta (35%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.9155, 0.2702, 0.3194 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 33.9155, 0.2702, 0.3194 by changing the saturation by 10% instead.

■ 33.9155, 0.2702,
0.3194

■ 33.9155, 0.2702,
0.3194

■ 319.7551, 0.2923,
0.3248

■ 22.8287, 0.2644,
0.3178

■ 65.8022, 0.2784,
0.3215

■ 14.4671, 0.2568,
0.3157

■ 87.3710, 0.2815,
0.3223

■ 8.4462, 0.2464,
0.3126

■ 113.2025, 0.2840,
0.3229

■ 4.3818, 0.2312,
0.3077

■ 143.6811, 0.2862,
0.3234

■ 1.8893, 0.2074,
0.2991

■ 179.1913, 0.2880,
0.3238

■ 0.5420, 0.1012,
0.2871

■ 220.1174, 0.2896,

■ 0.0000, 0.0000,

0.3242

0.0000

266.8439, 0.2911,
0.3245

■ 33.9155, 0.2702,
0.3194

■ 33.9155, 0.2702,
0.3194

■ 32.0517, 0.2574,
0.3157

■ 36.0130, 0.2841,
0.3229

■ 30.4060, 0.2459,
0.3117

■ 38.3510, 0.2987,
0.3262

■ 28.9670, 0.2360,
0.3077

■ 40.9408, 0.3138,
0.3292

■ 27.7207, 0.2279,
0.3035

■ 43.7920, 0.3292,
0.3319

■ 26.6510, 0.2217,
0.2993

■ 46.9136, 0.3445,
0.3344

■ 25.7393, 0.2172,
0.2952

■ 50.3140, 0.3596,
0.3365

■ 24.9487, 0.2143,
0.2911

■ 54.0014, 0.3744,
0.3384

■ 24.8921, 0.2141,
0.2908

■ 57.4473, 0.3862,
0.3402

■ 58.2943, 0.3855,
0.3424

Harmonies

Analogous

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



33.9155, 0.2838, 0.3421



33.9155, 0.2702, 0.3194



33.9155, 0.2676, 0.3006

Triad

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



33.9155, 0.2702, 0.3194



33.9155, 0.3189, 0.2994



33.9155, 0.3495, 0.3684

Complementary

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



33.9155, 0.2702, 0.3194



25.2230, 0.3735, 0.3383

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.



33.9155, 0.3599, 0.3551



33.9155, 0.2702, 0.3194



33.9155, 0.3419, 0.3158

Square

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



33.9155, 0.2702, 0.3194



33.9155, 0.2949, 0.2901



33.9155, 0.3572, 0.3359



33.9155, 0.3294, 0.3712

Rectangle

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



33.9155, 0.2702, 0.3194



33.9155, 0.2723, 0.2926



33.9155, 0.3572, 0.3359



33.9155, 0.3543, 0.3650

Sweetspot

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



33.9169, 0.2702, 0.3194



68.7017, 0.2989, 0.3262



34.7296, 0.3043, 0.4023



15.1820, 0.2968, 0.3258



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.



33.9169, 0.2702, 0.3194



58.5492, 0.2619, 0.3170



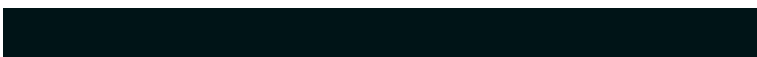
25.8103, 0.2659, 0.2785



8.9049, 0.2986, 0.3262



18.8079, 0.2142, 0.2912



0.5685, 0.2177, 0.3036

Inverse Universe

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



25.0485, 0.3227, 0.2656



40.2924, 0.3252, 0.2519



32.4484, 0.3633, 0.3747



8.1312, 0.3155, 0.3093



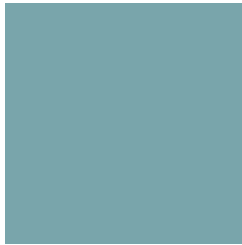
8.2017, 0.3533, 0.1720



0.2327, 0.3422, 0.1659

Previews

White Background



This preview shows how the Yxy color 33.9155, 0.2702, 0.3194 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 33.9155, 0.2702, 0.3194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

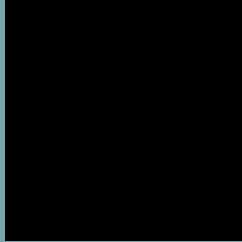
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.9155, 0.2702, 0.3194

Background



This preview shows how black text looks on a background with the Yxy color 33.9155, 0.2702, 0.3194.



This preview shows how white text looks on a background with the Yxy color 33.9155, 0.2702, 0.3194.

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

33.9155, 0.2702, 0.3194

Protanopia

33.6982, 0.3047, 0.3143

Deuteranopia

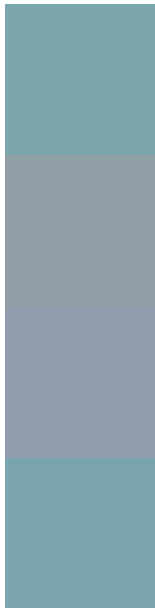
33.7310, 0.3044, 0.2990



Tritanopia

33.8628, 0.2665, 0.3087

Trichromacy



Original Color

33.9155, 0.2702, 0.3194

Protanomaly

33.5527, 0.2910, 0.3153

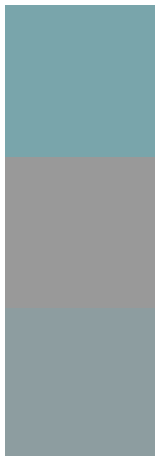
Deuteranomaly

33.4270, 0.2904, 0.3051

Tritanomaly

33.7836, 0.2680, 0.3117

Monochromacy



Original Color

33.9155, 0.2702, 0.3194

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

32.3147, 0.2949, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.9155, 0.2702, 0.3194 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(121, 165, 171)` looks like.

```
.text, #text, p{  
    color:rgb(121, 165, 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(121, 165, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 165, 171) }
```

Border

The CSS property to change the border of an element to Yxy 33.9155, 0.2702, 0.3194 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(121, 165, 171) }
```

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

```
.border{ border-color:rgb(121, 165, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 165, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 165, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 165, 171);  
box-shadow:4px 4px 4px 4px rgb(121, 165,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 33.9155, 0.2702, 0.3194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 165, 171) }
```

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

```
.background{ background-color: rgb(121,  
165, 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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