

Converting Colors

$Y_{xy}(32.0540, 0.2957, 0.3533)$

Have a look what the booklet for
Yxy(32.0540, 0.2957, 0.3533)
contains.

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Color

Yxy(32.2322, 0.2959, 0.3534)

Conversions

Conversions Part 1

Format	Color
Hex	81A192
RGB	129, 161, 146
RGB Percent	51%, 63%, 57%
CMY	0.4940, 0.3686, 0.4275
CMYK	0.20, 0.00, 0.09, 0.37
HSL	152°, 15%, 57%
HSV	152°, 20%, 63%
XYZ	26.9879, 32.2322, 31.9859
YIQ	149.7220, -14.2570, -11.4490

Conversions

Conversions Part 2

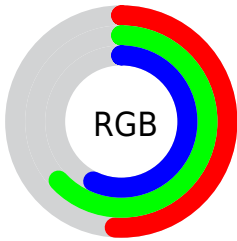
Format	Color
RYB	129, 150, 161
Decimal	8495506
CIELab	63.53, -14.19, 4.18
CIELCh	64, 14.788, 163.598
Yxy	32.2322, 0.2959, 0.3534
Android (android.graphics.Color)	4286685586 (0xFF81A192)
YUV	149.7220, -1.8349, -18.1732
Hunter-Lab	56.7734, -14.5016, 6.3376

Details

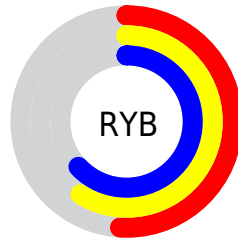
The Yxy color **32.2322, 0.2959, 0.3534** is a light color, and the websafe version is hex **669999**. A complement of this color would be **25.2986, 0.3335, 0.3058**, and the grayscale version is **30.3897, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.2269, 0.2990, 0.3484**, and **13.4441, 0.2893, 0.3600** is the 20% darker color. If you saturate the color by 10%, you get **30.8427, 0.2880, 0.3677**, and if you desaturate by 10%, it is **33.8387, 0.3042, 0.3405**.

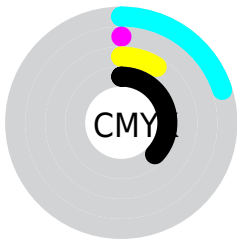
Distribution



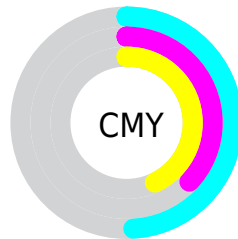
- Red (51%)
- Green (63%)
- Blue (57%)



- Red (51%)
- Yellow (59%)
- Blue (63%)



- Cyan (20%)
- Magenta (0%)
- Yellow (9%)
- Black (37%)




- Cyan (49%)
- Magenta (37%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.2322, 0.2959, 0.3534 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 32.2322, 0.2959, 0.3534 by changing the saturation by 10% instead.


 32.2322, 0.2959,
0.3534


 32.2322, 0.2959,
0.3534


312.1756, 0.3049,
0.3403


 21.5389, 0.2934,
0.3570

 63.1749, 0.2993,
0.3484

 13.5185, 0.2901,
0.3620

 84.1932, 0.3006,
0.3466

 7.7865, 0.2853,
0.3690


 109.4218, 0.3016,
0.3451

 3.9587, 0.2781,
0.3798

139.2454, 0.3025,
0.3438

 1.6505, 0.2658,
0.3985

174.0481, 0.3032,
0.3427

 0.3913, 0.0465,
0.7102

214.2145, 0.3039,

 0.0000, 0.0000,

0.3418

0.0000

260.1288, 0.3044,
0.3410

■ 32.2322, 0.2959,
0.3534

■ 32.2322, 0.2959,
0.3534

■ 30.8427, 0.2880,
0.3677

■ 33.8387, 0.3042,
0.3405

■ 29.6564, 0.2809,
0.3831

■ 35.6670, 0.3128,
0.3288

■ 28.6645, 0.2749,
0.3998

■ 37.7270, 0.3215,
0.3185

■ 27.8557, 0.2702,
0.4172

■ 40.0265, 0.3300,
0.3093

■ 27.2175, 0.2671,
0.4352

■ 42.5734, 0.3384,
0.3013

■ 26.7358, 0.2660,
0.4534

■ 45.3747, 0.3464,
0.2942

■ 26.3941, 0.2668,
0.4712

■ 48.4374, 0.3542,
0.2880

■ 26.1550, 0.2690,
0.4884

■ 51.2288, 0.3590,
0.2822

■ 26.1519, 0.2691,
0.4887

■ 51.6063, 0.3520,
0.2747

Harmonies

Analogous

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



32.2322, 0.3190, 0.3675



32.2322, 0.2959, 0.3534



32.2322, 0.2777, 0.3323

Triad

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



32.2322, 0.2959, 0.3534



32.2322, 0.2841, 0.2900



32.2322, 0.3587, 0.3441

Complementary

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



32.2322, 0.2959, 0.3534



25.2986, 0.3335, 0.3058

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.



32.2322, 0.3487, 0.3243



32.2322, 0.2959, 0.3534



32.2322, 0.3050, 0.2939

Square

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



32.2322, 0.2959, 0.3534



32.2322, 0.2711, 0.2959



32.2322, 0.3288, 0.3063



32.2322, 0.3558, 0.3610

Rectangle

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



32.2322, 0.2959, 0.3534



32.2322, 0.2706, 0.3177



32.2322, 0.3288, 0.3063



32.2322, 0.3567, 0.3376

Sweetspot

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



32.2335, 0.2959, 0.3534



61.7819, 0.3074, 0.3360



33.0479, 0.3252, 0.3798



13.5076, 0.3069, 0.3367



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



32.2335, 0.2959, 0.3534



56.5377, 0.2922, 0.3598



32.5461, 0.2837, 0.3281



7.9549, 0.3047, 0.3398



20.8951, 0.2687, 0.4873



0.4485, 0.2510, 0.4236

Inverse Universe

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



25.2986, 0.3335, 0.3058



41.7347, 0.3395, 0.3002



25.0102, 0.3507, 0.3300



7.1387, 0.3215, 0.3185



6.4721, 0.5046, 0.2553



0.1455, 0.4231, 0.2105

Previews

White Background



This preview shows how the Yxy color 32.2322, 0.2959, 0.3534 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 32.2322, 0.2959, 0.3534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

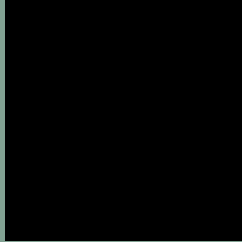
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.2322, 0.2959, 0.3534

Background



This preview shows how black text looks on a background with the Yxy color 32.2322, 0.2959, 0.3534.

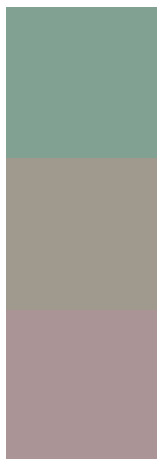


This preview shows how white text looks on a background with the Yxy color 32.2322, 0.2959, 0.3534.

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

32.2322, 0.2959, 0.3534

Protanopia

32.1064, 0.3292, 0.3458

Deuteranopia

31.8958, 0.3348, 0.3276



Tritanopia

32.0028, 0.2796, 0.3087

Trichromacy



Original Color

32.2322, 0.2959, 0.3534

Protanomaly

32.0560, 0.3167, 0.3494

Deuteranomaly

31.8891, 0.3194, 0.3367

Tritanomaly

31.9325, 0.2860, 0.3242

Monochromacy



Original Color

32.2322, 0.2959, 0.3534

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

31.0319, 0.3055, 0.3369

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.2322, 0.2959, 0.3534 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(129, 161, 146)` looks like.

```
.text, #text, p{  
    color:rgb(129, 161, 146)  
}
```

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(129, 161, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 161, 146) }
```

Border

The CSS property to change the border of an element to Yxy 32.2322, 0.2959, 0.3534 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(129, 161, 146) }
```

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

```
.border{ border-color:rgb(129, 161, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 161, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 161, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 161, 146);  
box-shadow:4px 4px 4px 4px rgb(129, 161,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 32.2322, 0.2959, 0.3534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 161, 146) }
```

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

```
.background{ background-color: rgb(129,  
161, 146) }
```

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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