

Converting Colors

$Yxy(32.3169, 0.2695, 0.3615)$

Have a look what the booklet for
Yxy(32.3169, 0.2695, 0.3615)
contains.

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Color

Yxy(32.3169, 0.2695, 0.3615)

Conversions

Conversions Part 1

Format	Color
Hex	61A794
RGB	97, 167, 148
RGB Percent	38%, 65%, 58%
CMY	0.6197, 0.3451, 0.4196
CMYK	0.42, 0.00, 0.11, 0.35
HSL	164°, 28%, 52%
HSV	164°, 42%, 65%
XYZ	24.0924, 32.3169, 32.9874
YIQ	143.9040, -35.6210, -20.7490

Conversions

Conversions Part 2

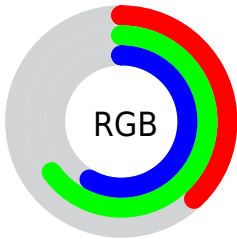
Format	Color
RYB	97, 137, 167
Decimal	6399892
CIELab	63.60, -26.69, 2.92
CIElCh	64, 26.845, 173.750
Yxy	32.3169, 0.2695, 0.3615
Android (android.graphics.Color)	4284589972 (0xFF61A794)
YUV	143.9040, 2.0193, -41.1348
Hunter-Lab	56.8480, -23.8349, 5.3891

Details

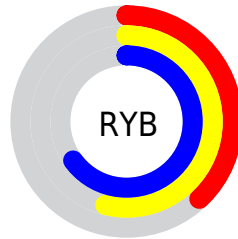
The Yxy color **32.3169, 0.2695, 0.3615** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **18.0224, 0.3884, 0.2996**, and the grayscale version is **27.8506, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.0861, 0.2782, 0.3543**, and **13.6381, 0.2552, 0.3749** is the 20% darker color. If you saturate the color by 10%, you get **31.3549, 0.2619, 0.3708**, and if you desaturate by 10%, it is **33.4803, 0.2784, 0.3527**.

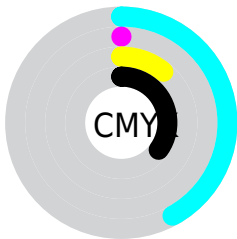
Distribution



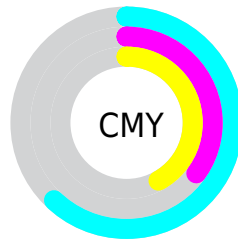
- Red (38%)
- Green (65%)
- Blue (58%)



- Red (38%)
- Yellow (54%)
- Blue (65%)



- Cyan (42%)
- Magenta (0%)
- Yellow (11%)
- Black (35%)





- Cyan (62%)
- Magenta (35%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.3169, 0.2695, 0.3615 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 32.3169, 0.2695, 0.3615 by changing the saturation by 10% instead.


 32.3169, 0.2695,
0.3615


 32.3169, 0.2695,
0.3615


312.5603, 0.2925,
0.3440


 21.6037, 0.2633,
0.3663


 63.3076, 0.2782,
0.3548


 13.5660, 0.2550,
0.3728


 84.3538, 0.2814,
0.3524

 7.8194, 0.2434,
0.3820


 109.6131, 0.2840,
0.3504

 3.9796, 0.2260,
0.3959

 139.4699, 0.2862,
0.3488

 1.6622, 0.1970,
0.4199

174.3087, 0.2881,
0.3473

 0.3990, 0.0000,
0.6342

214.5137, 0.2898,

 0.0000, 0.0000,

0.3461

0.0000

260.4695, 0.2912,
0.3450

■ 32.3169, 0.2695,
0.3615

■ 32.3169, 0.2695,
0.3615

■ 31.3549, 0.2619,
0.3708

■ 33.4803, 0.2784,
0.3527

■ 30.5779, 0.2559,
0.3805

■ 34.8523, 0.2885,
0.3446

■ 29.9738, 0.2517,
0.3905


■ 36.4446, 0.2992,
0.3371

■ 29.5268, 0.2494,
0.4005

■ 38.2670, 0.3105,
0.3302


■ 29.2185, 0.2490,
0.4106


■ 40.3284, 0.3220,
0.3241

 29.0371, 0.2496,
0.4187

 42.6375, 0.3337,
0.3186

 45.2024, 0.3452,
0.3138

 48.0309, 0.3565,
0.3095

 51.1305, 0.3674,
0.3058

Harmonies

Analogous

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



32.3169, 0.3084, 0.3945



32.3169, 0.2695, 0.3615



32.3169, 0.2432, 0.3197

Triad

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



32.3169, 0.2695, 0.3615



32.3169, 0.2725, 0.2612



32.3169, 0.3974, 0.3651

Complementary

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



32.3169, 0.2695, 0.3615



18.0224, 0.3884, 0.2996

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.



32.3169, 0.3872, 0.3310



32.3169, 0.2695, 0.3615



32.3169, 0.3125, 0.2737

Square

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



32.3169, 0.2695, 0.3615



32.3169, 0.2450, 0.2644



32.3169, 0.3552, 0.2985



32.3169, 0.3832, 0.3931

Rectangle

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



32.3169, 0.2695, 0.3615



32.3169, 0.2354, 0.2949



32.3169, 0.3552, 0.2985



32.3169, 0.3968, 0.3540

Sweetspot

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



32.3182, 0.2695, 0.3615



64.8698, 0.2978, 0.3380



32.2718, 0.3241, 0.4491



14.3749, 0.2954, 0.3396



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



32.3182, 0.2695, 0.3615



56.3114, 0.2626, 0.3698



27.7330, 0.2524, 0.3030



8.4968, 0.3022, 0.3352



22.2263, 0.2494, 0.4177



0.5487, 0.2402, 0.3848

Inverse Universe

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



18.0224, 0.3884, 0.2996



27.3464, 0.4138, 0.2938



20.7009, 0.4076, 0.3530



7.5745, 0.3245, 0.3229



6.4406, 0.5819, 0.2979



0.1651, 0.4913, 0.2480

Previews

White Background



This preview shows how the Yxy color 32.3169, 0.2695, 0.3615 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 32.3169, 0.2695, 0.3615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

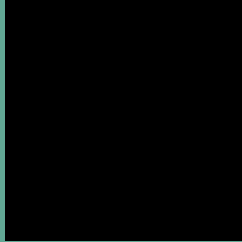
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.3169, 0.2695, 0.3615

Background



This preview shows how black text looks on a background with the Yxy color 32.3169, 0.2695, 0.3615.

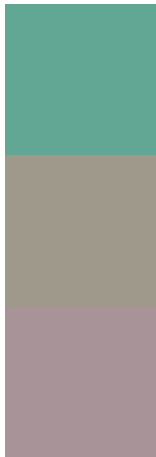


This preview shows how white text looks on a background with the Yxy color 32.3169, 0.2695, 0.3615.

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

32.3169, 0.2695, 0.3615

Protanopia

32.0468, 0.3312, 0.3489

Deuteranopia

31.7716, 0.3296, 0.3232



Tritanopia

32.2720, 0.2542, 0.3079

Trichromacy



Original Color

32.3169, 0.2695, 0.3615

Protanomaly

31.6711, 0.3049, 0.3532

Deuteranomaly

31.4278, 0.3037, 0.3353

Tritanomaly

32.0708, 0.2591, 0.3255

Monochromacy



Original Color

32.3169, 0.2695, 0.3615

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

29.0128, 0.2946, 0.3406

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.3169, 0.2695, 0.3615 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(97, 167, 148)` looks like.

```
.text, #text, p{  
    color:rgb(97, 167, 148)  
}
```

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(97, 167, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 167, 148) }
```

Border

The CSS property to change the border of an element to Yxy 32.3169, 0.2695, 0.3615 is called "border". The border property can be set on classes, ids or directly on the HTML element.

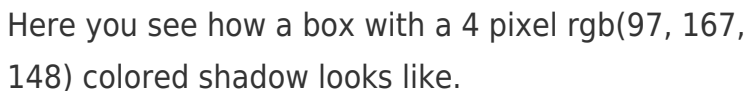
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(97, 167, 148) }
```

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

```
.border{ border-color:rgb(97, 167, 148) }
```

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



Here you see how a box with a 4 pixel `rgb(97, 167, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(97, 167, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(97, 167, 148); box-shadow:4px 4px 4px 4px rgb(97, 167, 148) }
```


Background

The CSS property to change the background color of an element to Yxy 32.3169, 0.2695, 0.3615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 167, 148) }
```

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

```
.background{ background-color: rgb(97, 167,  
148) }
```

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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