

Converting Colors

$Yxy(31.5001, 0.2630, 0.3396)$

Have a look what the booklet for
Yxy(31.5001, 0.2630, 0.3396)
contains.

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Color

Yxy(31.5819, 0.2632, 0.3407)

Conversions

Conversions Part 1

Format	Color
Hex	62A49D
RGB	98, 164, 157
RGB Percent	38%, 64%, 62%
CMY	0.6158, 0.3568, 0.3842
CMYK	0.40, 0.00, 0.04, 0.36
HSL	174°, 27%, 51%
HSV	174°, 40%, 64%
XYZ	24.3979, 31.5819, 36.7173
YIQ	143.4680, -37.0890, -16.1690

Conversions

Conversions Part 2

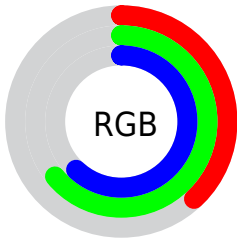
Format	Color
RYB	98, 133, 164
Decimal	6464669
CIELab	63.00, -22.73, -3.01
CIElCh	63, 22.931, 187.541
Yxy	31.5819, 0.2632, 0.3407
Android (android.graphics.Color)	4284654749 (0xFF62A49D)
YUV	143.4680, 6.6713, -39.8754
Hunter-Lab	56.1978, -20.8516, 0.6008

Details

The Yxy color **31.5819, 0.2632, 0.3407** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.6439, 0.4007, 0.3182**, and the grayscale version is **27.6482, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.0416, 0.2734, 0.3389**, and **13.1868, 0.2472, 0.3439** is the 20% darker color. If you saturate the color by 10%, you get **30.7038, 0.2539, 0.3441**, and if you desaturate by 10%, it is **32.6503, 0.2739, 0.3375**.

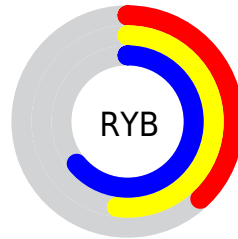
Distribution



Red (38%)

Green (64%)

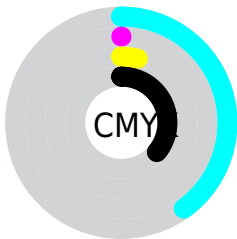
Blue (62%)



Red (38%)

Yellow (52%)

Blue (64%)

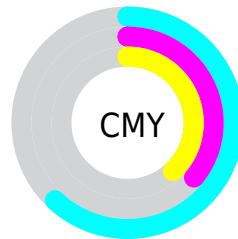


Cyan (40%)

Magenta (0%)

Yellow (4%)

Black (36%)



Cyan (62%)


Magenta (36%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.5819, 0.2632, 0.3407 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 31.5819, 0.2632, 0.3407 by changing the saturation by 10% instead.


 31.5819, 0.2632,
0.3407


 31.5819, 0.2632,
0.3407


309.2102, 0.2893,
0.3348

 21.0424, 0.2562,
0.3422


 62.1551, 0.2730,
0.3385


 13.1550, 0.2470,
0.3441


 82.9575, 0.2766,
0.3377

 7.5353, 0.2341,
0.3466


 107.9496, 0.2796,
0.3370

 3.7991, 0.2152,
0.3501

 137.5159, 0.2821,
0.3364

 1.5618, 0.1846,
0.3549

172.0407, 0.2843,
0.3359

 0.3317, 0.0000,
0.3672

211.9084, 0.2862,

 0.0000, 0.0000,

0.3355

0.0000

257.5035, 0.2879,
0.3351

■ 31.5819, 0.2632,
0.3407

■ 31.5819, 0.2632,
0.3407

■ 30.7038, 0.2539,
0.3441

■ 32.6503, 0.2739,
0.3375

■ 30.0007, 0.2464,
0.3476

■ 33.9156, 0.2859,
0.3344

■ 29.4610, 0.2406,
0.3512


■ 35.3890, 0.2988,
0.3316


■ 29.0704, 0.2367,
0.3548

■ 37.0795, 0.3124,
0.3291

■ 28.8116, 0.2346,
0.3583

■ 38.9957, 0.3264,
0.3267

 28.6484, 0.2338,
0.3618

 41.1457, 0.3405,
0.3247

 43.5370, 0.3547,
0.3228

 46.1772, 0.3686,
0.3212

 49.0732, 0.3822,
0.3198

Harmonies

Analogous

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



31.5819, 0.2929, 0.3737



31.5819, 0.2632, 0.3407



31.5819, 0.2469, 0.3062

Triad

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



31.5819, 0.2632, 0.3407



31.5819, 0.2931, 0.2734



31.5819, 0.3826, 0.3730

Complementary

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



31.5819, 0.2632, 0.3407



17.6439, 0.4007, 0.3182

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.



31.5819, 0.3834, 0.3451



31.5819, 0.2632, 0.3407



31.5819, 0.3300, 0.2897

Square

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



31.5819, 0.2632, 0.3407



31.5819, 0.2633, 0.2698



31.5819, 0.3637, 0.3153



31.5819, 0.3622, 0.3914

Rectangle

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



31.5819, 0.2632, 0.3407



31.5819, 0.2451, 0.2879



31.5819, 0.3637, 0.3153



31.5819, 0.3852, 0.3643

Sweetspot

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



31.5832, 0.2632, 0.3407



63.6762, 0.2962, 0.3322



30.4788, 0.3137, 0.4471



13.8476, 0.2946, 0.3325



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



31.5832, 0.2632, 0.3407



55.9262, 0.2551, 0.3436



23.6532, 0.2516, 0.2844



7.9983, 0.3001, 0.3314



21.9690, 0.2337, 0.3615



0.4651, 0.2301, 0.3485

Inverse Universe

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



17.6439, 0.4007, 0.3182



27.1907, 0.4306, 0.3161



23.0124, 0.3951, 0.3691



7.0976, 0.3269, 0.3267



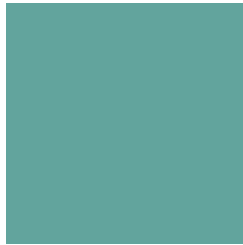
6.0872, 0.6247, 0.3215



0.1313, 0.5657, 0.2890

Previews

White Background



This preview shows how the Yxy color 31.5819, 0.2632, 0.3407 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 31.5819, 0.2632, 0.3407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

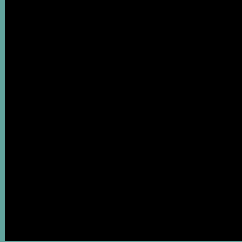
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.5819, 0.2632, 0.3407

Background



This preview shows how black text looks on a background with the Yxy color 31.5819, 0.2632, 0.3407.

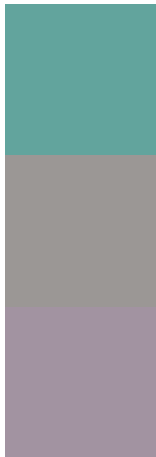


This preview shows how white text looks on a background with the Yxy color 31.5819, 0.2632, 0.3407.

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

31.5819, 0.2632, 0.3407

Protanopia

31.2717, 0.3187, 0.3321

Deuteranopia

31.1220, 0.3147, 0.3083



Tritanopia

31.4293, 0.2543, 0.3077

Trichromacy



Original Color

31.5819, 0.2632, 0.3407

Protanomaly

31.1123, 0.2952, 0.3354

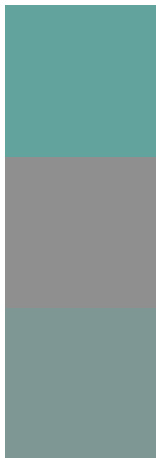
Deuteranomaly

30.8095, 0.2929, 0.3179

Tritanomaly

31.4345, 0.2572, 0.3189

Monochromacy



Original Color

31.5819, 0.2632, 0.3407

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

28.7834, 0.2919, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.5819, 0.2632, 0.3407 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(98, 164, 157)` looks like.

```
.text, #text, p{  
    color:rgb(98, 164, 157)  
}
```

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(98, 164, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 164, 157) }
```

Border

The CSS property to change the border of an element to Yxy 31.5819, 0.2632, 0.3407 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(98, 164, 157) }
```

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

```
.border{ border-color:rgb(98, 164, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 164, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 164, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 164, 157);  
box-shadow:4px 4px 4px 4px rgb(98, 164,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 31.5819, 0.2632, 0.3407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 164, 157) }
```

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

```
.background{ background-color: rgb(98, 164,  
157) }
```

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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