

Converting Colors

$Y_{xy}(32.0899, 0.2666, 0.3289)$

Have a look what the booklet for
Yxy(32.0899, 0.2666, 0.3289)
contains.

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Color

Yxy(32.0899, 0.2666, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	6DA3A3
RGB	109, 163, 163
RGB Percent	43%, 64%, 64%
CMY	0.5726, 0.3608, 0.3608
CMYK	0.33, 0.00, 0.00, 0.36
HSL	180°, 23%, 53%
HSV	180°, 33%, 64%
XYZ	26.0115, 32.0899, 39.4660
YIQ	146.8540, -32.1840, -11.4480

Conversions

Conversions Part 2

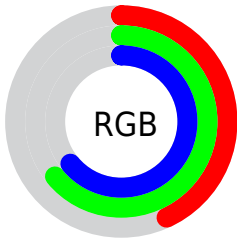
Format	Color
RYB	109, 136, 163
Decimal	7185315
CIELab	63.42, -17.69, -5.67
CIELCh	63, 18.580, 197.779
Yxy	32.0899, 0.2666, 0.3289
Android (android.graphics.Color)	4285375395 (0xFF6DA3A3)
YUV	146.8540, 7.9600, -33.1980
Hunter-Lab	56.6479, -17.1708, -1.6531

Details

The Yxy color **32.0899, 0.2666, 0.3289** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.8244, 0.3874, 0.3292**, and the grayscale version is **29.0890, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.9913, 0.2758, 0.3289**, and **13.4161, 0.2524, 0.3288** is the 20% darker color. If you saturate the color by 10%, you get **31.1514, 0.2554, 0.3289**, and if you desaturate by 10%, it is **33.2226, 0.2793, 0.3289**.

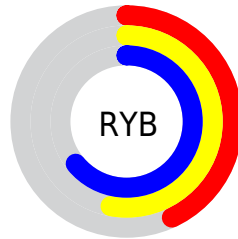
Distribution



Red (43%)

Green (64%)

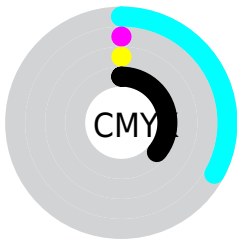
Blue (64%)



Red (43%)

Yellow (53%)

Blue (64%)

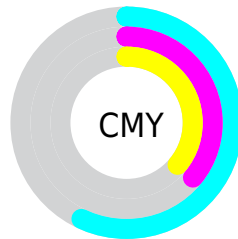


Cyan (33%)

Magenta (0%)

Yellow (0%)

Black (36%)



Cyan (57%)


Magenta (36%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.0899, 0.2666, 0.3289 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 32.0899, 0.2666, 0.3289 by changing the saturation by 10% instead.


 32.0899, 0.2666,
0.3289


 32.0899, 0.2666,
0.3289


311.5286, 0.2908,
0.3293


 21.4302, 0.2602,
0.3286


 62.9520, 0.2757,
0.3292

 13.4388, 0.2517,
0.3282


 83.9232, 0.2790,
0.3292

 7.7314, 0.2399,
0.3275


 109.1003, 0.2818,
0.3293

 3.9236, 0.2227,
0.3259

 138.8677, 0.2841,
0.3293

 1.6309, 0.1952,
0.3224

173.6098, 0.2862,
0.3293

 0.3783, 0.0000,
0.3187

213.7111, 0.2879,

 0.0000, 0.0000,

0.3293

0.0000

259.5559, 0.2894,
0.3293

■ 32.0899, 0.2666,
0.3289

■ 32.0899, 0.2666,
0.3289

■ 31.1514, 0.2554,
0.3289

■ 33.2226, 0.2793,
0.3289

■ 30.3928, 0.2458,
0.3289

■ 34.5556, 0.2931,
0.3290

■ 29.8036, 0.2381,
0.3289


■ 36.0992, 0.3079,
0.3290

■ 29.3708, 0.2322,
0.3289


■ 37.8620, 0.3233,
0.3290

■ 29.0796, 0.2281,
0.3289


■ 39.8521, 0.3391,
0.3291


 28.9121, 0.2257,
0.3289

 42.0772, 0.3550,
0.3291

 28.8396, 0.2247,
0.3289

 44.5446, 0.3707,
0.3291

 47.2613, 0.3862,
0.3292

 50.1036, 0.4005,
0.3292

Harmonies

Analogous

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



32.0899, 0.2878, 0.3565



32.0899, 0.2666, 0.3289



32.0899, 0.2575, 0.3029

Triad

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



32.0899, 0.2666, 0.3289



32.0899, 0.3070, 0.2870



32.0899, 0.3651, 0.3712

Complementary

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



32.0899, 0.2666, 0.3289



19.8244, 0.3874, 0.3292

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.



32.0899, 0.3712, 0.3508



32.0899, 0.2666, 0.3289



32.0899, 0.3368, 0.3035

Square

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



32.0899, 0.2666, 0.3289



32.0899, 0.2800, 0.2804



32.0899, 0.3608, 0.3263



32.0899, 0.3446, 0.3813

Rectangle

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



32.0899, 0.2666, 0.3289



32.0899, 0.2592, 0.2902



32.0899, 0.3608, 0.3263



32.0899, 0.3689, 0.3652

Sweetspot

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



32.0912, 0.2666, 0.3289



62.6572, 0.2974, 0.3290



30.6084, 0.3090, 0.4247



13.9926, 0.2955, 0.3290



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.



32.0912, 0.2666, 0.3289



56.1574, 0.2579, 0.3289



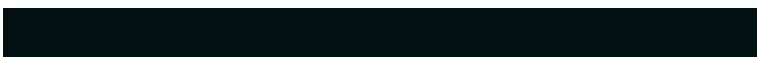
23.7558, 0.2610, 0.2839



8.0112, 0.2988, 0.3290



22.4111, 0.2247, 0.3289



0.4709, 0.2247, 0.3288

Inverse Universe

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



19.8244, 0.3874, 0.3292



30.6542, 0.4132, 0.3293



26.2451, 0.3743, 0.3701



7.0860, 0.3285, 0.3290



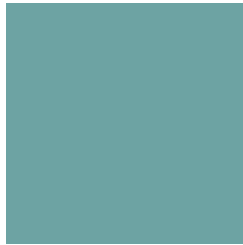
6.0517, 0.6400, 0.3299



0.1272, 0.6397, 0.3298

Previews

White Background



This preview shows how the Yxy color 32.0899, 0.2666, 0.3289 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 32.0899, 0.2666, 0.3289 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

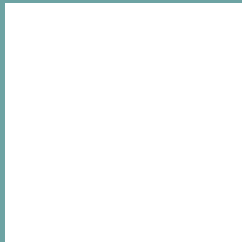
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 32.0899, 0.2666, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 32.0899, 0.2666, 0.3289.

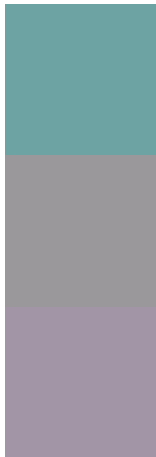


This preview shows how white text looks on a background with the Yxy color 32.0899, 0.2666, 0.3289.

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

32.0899, 0.2666, 0.3289

Protanopia

31.8253, 0.3120, 0.3229

Deuteranopia

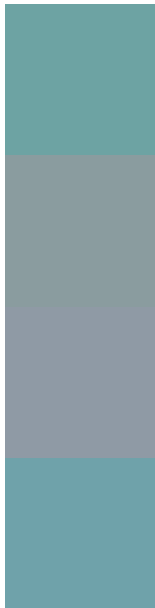
31.9294, 0.3099, 0.3041



Tritanopia

31.9905, 0.2606, 0.3080

Trichromacy



Original Color

32.0899, 0.2666, 0.3289

Protanomaly

31.6834, 0.2930, 0.3242

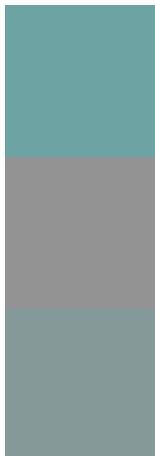
Deuteranomaly

31.6675, 0.2924, 0.3120

Tritanomaly

32.1224, 0.2629, 0.3159

Monochromacy



Original Color

32.0899, 0.2666, 0.3289

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

30.0689, 0.2933, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.0899, 0.2666, 0.3289 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(109, 163, 163)` looks like.

```
.text, #text, p{  
    color:rgb(109, 163, 163)  
}
```

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(109, 163, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 163, 163) }
```

Border

The CSS property to change the border of an element to Yxy 32.0899, 0.2666, 0.3289 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(109, 163, 163) }
```

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

```
.border{ border-color:rgb(109, 163, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 163, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 163, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 163, 163);  
box-shadow:4px 4px 4px 4px rgb(109, 163,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 32.0899, 0.2666, 0.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 163, 163) }
```

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

```
.background{ background-color: rgb(109,  
163, 163) }
```

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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