

Converting Colors

$Y_{xy}(32.2965, 0.2749, 0.3389)$

Have a look what the booklet for
Yxy(32.2965, 0.2749, 0.3389)
contains.

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Color

Yxy(32.2061, 0.2748, 0.3388)

Conversions

Conversions Part 1

Format	Color
Hex	72A39D
RGB	114, 163, 157
RGB Percent	45%, 64%, 62%
CMY	0.5529, 0.3608, 0.3844
CMYK	0.30, 0.00, 0.04, 0.36
HSL	173°, 21%, 54%
HSV	173°, 30%, 64%
XYZ	26.1223, 32.2061, 36.7309
YIQ	147.6650, -27.2780, -12.2540

Conversions

Conversions Part 2

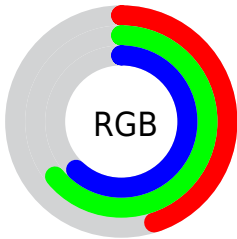
Format	Color
RYB	114, 140, 163
Decimal	7512989
CIELab	63.51, -17.64, -2.13
CIElCh	64, 17.773, 186.899
Yxy	32.2061, 0.2748, 0.3388
Android (android.graphics.Color)	4285703069 (0xFF72A39D)
YUV	147.6650, 4.6022, -29.5242
Hunter-Lab	56.7504, -17.1494, 1.3507

Details

The Yxy color **32.2061, 0.2748, 0.3388** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.1809, 0.3699, 0.3196**, and the grayscale version is **29.4577, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.0614, 0.2824, 0.3375**, and **13.4662, 0.2617, 0.3410** is the 20% darker color. If you saturate the color by 10%, you get **31.1420, 0.2642, 0.3426**, and if you desaturate by 10%, it is **33.4687, 0.2866, 0.3353**.

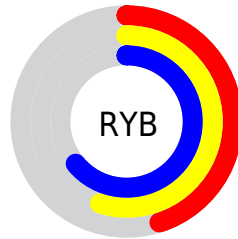
Distribution



Red (45%)

Green (64%)

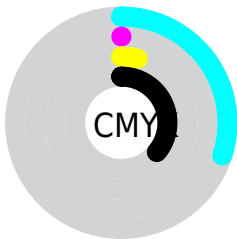
Blue (62%)



Red (45%)

Yellow (55%)

Blue (64%)

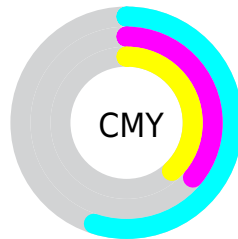


Cyan (30%)

Magenta (0%)

Yellow (4%)

Black (36%)



Cyan (55%)


Magenta (36%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.2061, 0.2748, 0.3388 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 32.2061, 0.2748, 0.3388 by changing the saturation by 10% instead.


 32.2061, 0.2748,
0.3388


 32.2061, 0.2748,
0.3388


312.0570, 0.2948,
0.3338


 21.5190, 0.2694,
0.3401


 63.1340, 0.2823,
0.3369


 13.5039, 0.2623,
0.3418


 84.1437, 0.2851,
0.3362

 7.7764, 0.2524,
0.3441


 109.3629, 0.2874,
0.3357

 3.9522, 0.2378,
0.3473

 139.1761, 0.2893,
0.3352

 1.6469, 0.2139,
0.3522

173.9677, 0.2910,
0.3347

 0.3889, 0.0000,
0.4044

214.1222, 0.2924,

 0.0000, 0.0000,

0.3344

0.0000

260.0238, 0.2937,
0.3341

■ 32.2061, 0.2748,
0.3388

■ 32.2061, 0.2748,
0.3388

■ 31.1420, 0.2642,
0.3426

■ 33.4687, 0.2866,
0.3353

■ 30.2622, 0.2551,
0.3465

■ 34.9355, 0.2993,
0.3320

■ 29.5567, 0.2476,
0.3506


■ 36.6167, 0.3126,
0.3290

■ 29.0128, 0.2419,
0.3548


■ 38.5209, 0.3264,
0.3263


■ 28.6165, 0.2380,
0.3590


■ 40.6558, 0.3403,
0.3239

 28.3509, 0.2360,
0.3632

 43.0292, 0.3541,
0.3218

 28.1780, 0.2354,
0.3674

 45.6482, 0.3678,
0.3199

 48.5198, 0.3811,
0.3183

 50.5507, 0.3888,
0.3166

Harmonies

Analogous

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



32.2061, 0.2983, 0.3634



32.2061, 0.2748, 0.3388



32.2061, 0.2615, 0.3125

Triad

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



32.2061, 0.2748, 0.3388



32.2061, 0.2972, 0.2852



32.2061, 0.3667, 0.3632

Complementary

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



32.2061, 0.2748, 0.3388



21.1809, 0.3699, 0.3196

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.



32.2061, 0.3668, 0.3416



32.2061, 0.2748, 0.3388



32.2061, 0.3256, 0.2979

Square

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



32.2061, 0.2748, 0.3388



32.2061, 0.2740, 0.2830



32.2061, 0.3515, 0.3181



32.2061, 0.3516, 0.3769

Rectangle

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



32.2061, 0.2748, 0.3388



32.2061, 0.2599, 0.2980



32.2061, 0.3515, 0.3181



32.2061, 0.3685, 0.3565

Sweetspot

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



32.2074, 0.2748, 0.3388



62.8162, 0.3005, 0.3317



31.4426, 0.3147, 0.4130



14.0197, 0.2986, 0.3322



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.



32.2074, 0.2748, 0.3388



56.3791, 0.2676, 0.3413



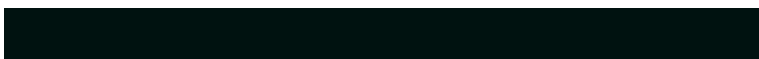
26.4855, 0.2671, 0.2986



7.9962, 0.3003, 0.3318



21.9033, 0.2353, 0.3670



0.4642, 0.2311, 0.3518

Inverse Universe

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



21.1809, 0.3699, 0.3196



33.4392, 0.3881, 0.3175



25.4978, 0.3699, 0.3574



7.0995, 0.3266, 0.3263



6.0948, 0.6216, 0.3198



0.1320, 0.5558, 0.2835

Previews

White Background



This preview shows how the Yxy color 32.2061, 0.2748, 0.3388 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 32.2061, 0.2748, 0.3388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

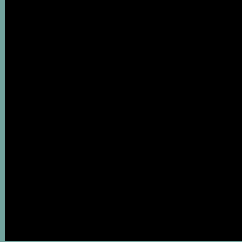
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

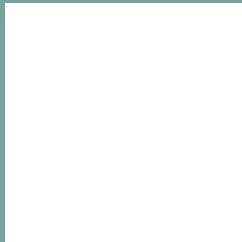
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 32.2061, 0.2748, 0.3388

Background



This preview shows how black text looks on a background with the Yxy color 32.2061, 0.2748, 0.3388.



This preview shows how white text looks on a background with the Yxy color 32.2061, 0.2748, 0.3388.

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

32.2061, 0.2748, 0.3388

Protanopia

32.0848, 0.3176, 0.3321

Deuteranopia

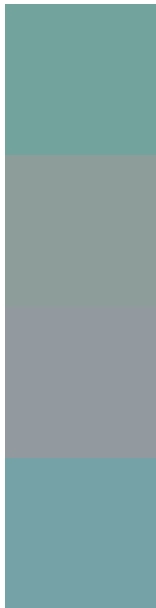
32.0323, 0.3186, 0.3129



Tritanopia

32.3584, 0.2658, 0.3098

Trichromacy



Original Color

32.2061, 0.2748, 0.3388

Protanomaly

32.0766, 0.3009, 0.3353

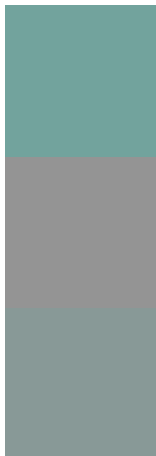
Deuteranomaly

31.7254, 0.3004, 0.3213

Tritanomaly

32.4126, 0.2696, 0.3208

Monochromacy



Original Color

32.2061, 0.2748, 0.3388

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

30.2511, 0.2979, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.2061, 0.2748, 0.3388 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(114, 163, 157)` looks like.

```
.text, #text, p{  
    color:rgb(114, 163, 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(114, 163, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 163, 157) }
```

Border

The CSS property to change the border of an element to Yxy 32.2061, 0.2748, 0.3388 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(114, 163, 157) }
```

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

```
.border{ border-color:rgb(114, 163, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 163, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 163, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 163, 157);  
box-shadow:4px 4px 4px 4px rgb(114, 163,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 32.2061, 0.2748, 0.3388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 163, 157) }
```

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

```
.background{ background-color: rgb(114,  
163, 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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