

Converting Colors

$Y_{xy}(32.6773, 0.2803, 0.3600)$

Have a look what the booklet for
Yxy(32.6773, 0.2803, 0.3600)
contains.

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Color

Yxy(32.7585, 0.2804, 0.3608)

Conversions

Conversions Part 1

Format	Color
Hex	6FA693
RGB	111, 166, 147
RGB Percent	44%, 65%, 58%
CMY	0.5646, 0.3490, 0.4236
CMYK	0.33, 0.00, 0.11, 0.35
HSL	159°, 24%, 54%
HSV	159°, 33%, 65%
XYZ	25.4587, 32.7585, 32.5769
YIQ	147.3890, -26.6810, -17.5690

Conversions

Conversions Part 2

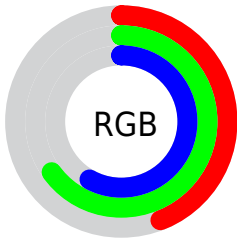
Format	Color
RYB	111, 144, 166
Decimal	7317139
CIELab	63.96, -22.37, 4.10
CIELCh	64, 22.743, 169.603
Yxy	32.7585, 0.2804, 0.3608
Android (android.graphics.Color)	4285507219 (0xFF6FA693)
YUV	147.3890, -0.1918, -31.9132
Hunter-Lab	57.2350, -20.7629, 6.3180

Details

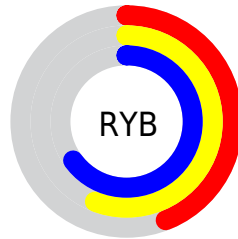
The Yxy color **32.7585, 0.2804, 0.3608** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.0931, 0.3614, 0.2996**, and the grayscale version is **29.3578, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.8225, 0.2867, 0.3538**, and **13.8398, 0.2697, 0.3736** is the 20% darker color. If you saturate the color by 10%, you get **31.6052, 0.2723, 0.3723**, and if you desaturate by 10%, it is **34.1236, 0.2895, 0.3502**.

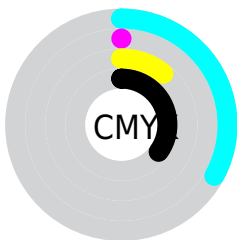
Distribution



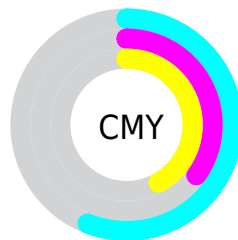
- Red (44%)
- Green (65%)
- Blue (58%)



- Red (44%)
- Yellow (56%)
- Blue (65%)



- Cyan (33%)
- Magenta (0%)
- Yellow (11%)
- Black (35%)





- Cyan (56%)
- Magenta (35%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.7585, 0.2804, 0.3608 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 32.7585, 0.2804, 0.3608 by changing the saturation by 10% instead.


 32.7585, 0.2804,
0.3608


 32.7585, 0.2804,
0.3608


314.5601, 0.2976,
0.3437

 21.9415, 0.2757,
0.3655


 63.9983, 0.2869,
0.3542


 13.8139, 0.2694,
0.3719


 85.1899, 0.2893,
0.3519

 7.9914, 0.2606,
0.3810


 110.6085, 0.2913,
0.3499

 4.0894, 0.2473,
0.3950

 140.6385, 0.2929,
0.3483

 1.7237, 0.2251,
0.4190

175.6642, 0.2944,
0.3469

 0.4389, 0.0000,
0.6968

216.0702, 0.2956,

 0.0000, 0.0000,

0.3457

0.0000

262.2407, 0.2967,
0.3446

■ 32.7585, 0.2804,
0.3608

■ 32.7585, 0.2804,
0.3608

■ 31.6052, 0.2723,
0.3723

■ 34.1236, 0.2895,
0.3502

■ 30.6484, 0.2656,
0.3844

■ 35.7069, 0.2992,
0.3404

■ 29.8772, 0.2604,
0.3971


■ 37.5193, 0.3095,
0.3316


■ 29.2779, 0.2570,
0.4102


■ 39.5701, 0.3199,
0.3236

■ 28.8346, 0.2555,
0.4234


■ 41.8676, 0.3304,
0.3166


 28.5287, 0.2560,
0.4364

 44.4201, 0.3407,
0.3103

 28.3681, 0.2570,
0.4453

 47.2354, 0.3509,
0.3048

 50.3209, 0.3607,
0.3000

 52.6410, 0.3653,
0.2952

Harmonies

Analogous

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



32.7585, 0.3144, 0.3861



32.7585, 0.2804, 0.3608



32.7585, 0.2559, 0.3264

Triad

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



32.7585, 0.2804, 0.3608



32.7585, 0.2747, 0.2707



32.7585, 0.3841, 0.3564

Complementary

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



32.7585, 0.2804, 0.3608



21.0931, 0.3614, 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.



32.7585, 0.3726, 0.3271



32.7585, 0.2804, 0.3608



32.7585, 0.3078, 0.2795

Square

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



32.7585, 0.2804, 0.3608



32.7585, 0.2528, 0.2758



32.7585, 0.3440, 0.2997



32.7585, 0.3752, 0.3810

Rectangle

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



32.7585, 0.2804, 0.3608



32.7585, 0.2476, 0.3046



32.7585, 0.3440, 0.2997



32.7585, 0.3825, 0.3468

Sweetspot

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



32.7598, 0.2804, 0.3608



65.7250, 0.3022, 0.3377



33.1879, 0.3258, 0.4199



14.6120, 0.3008, 0.3390



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.



32.7598, 0.2804, 0.3608



57.8242, 0.2741, 0.3695



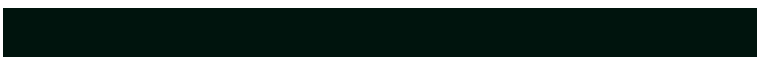
30.5040, 0.2649, 0.3153



8.4873, 0.3031, 0.3369



22.0066, 0.2567, 0.4441



0.5445, 0.2448, 0.4013

Inverse Universe

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



21.0931, 0.3614, 0.2996



33.2315, 0.3776, 0.2927



22.5126, 0.3834, 0.3421



7.5836, 0.3234, 0.3212



6.5270, 0.5549, 0.2831



0.1684, 0.4650, 0.2335

Previews

White Background



This preview shows how the Yxy color 32.7585, 0.2804, 0.3608 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 32.7585, 0.2804, 0.3608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

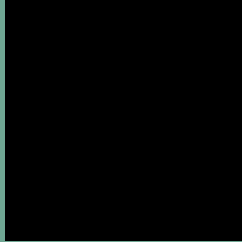
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.7585, 0.2804, 0.3608

Background



This preview shows how black text looks on a background with the Yxy color 32.7585, 0.2804, 0.3608.

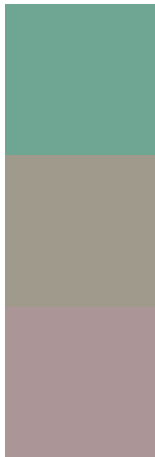


This preview shows how white text looks on a background with the Yxy color 32.7585, 0.2804, 0.3608.

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

32.7585, 0.2804, 0.3608

Protanopia

32.4782, 0.3320, 0.3503

Deuteranopia

32.3548, 0.3346, 0.3276



Tritanopia

32.7177, 0.2638, 0.3083

Trichromacy



Original Color

32.7585, 0.2804, 0.3608

Protanomaly

32.1877, 0.3106, 0.3528

Deuteranomaly

32.0022, 0.3123, 0.3383

Tritanomaly

32.5558, 0.2697, 0.3256

Monochromacy



Original Color

32.7585, 0.2804, 0.3608

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

30.2861, 0.2995, 0.3404

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.7585, 0.2804, 0.3608 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(111, 166, 147)` looks like.

```
.text, #text, p{  
    color:rgb(111, 166, 147)  
}
```

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(111, 166, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 166, 147) }
```

Border

The CSS property to change the border of an element to Yxy 32.7585, 0.2804, 0.3608 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(111, 166, 147) }
```

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

```
.border{ border-color:rgb(111, 166, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 166, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 166, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 166, 147);  
box-shadow:4px 4px 4px 4px rgb(111, 166,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 32.7585, 0.2804, 0.3608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 166, 147) }
```

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

```
.background{ background-color: rgb(111,  
166, 147) }
```

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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