

Converting Colors

$Yxy(31.9111, 0.2697, 0.3591)$

Have a look what the booklet for
Yxy(31.9111, 0.2697, 0.3591)
contains.

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Color

Yxy(32.0072, 0.2700, 0.3598)

Conversions

Conversions Part 1

Format	Color
Hex	62A694
RGB	98, 166, 148
RGB Percent	38%, 65%, 58%
CMY	0.6157, 0.3490, 0.4196
CMYK	0.41, 0.00, 0.11, 0.35
HSL	164°, 28%, 52%
HSV	164°, 41%, 65%
XYZ	24.0187, 32.0072, 32.9324
YIQ	143.6160, -34.7500, -20.0140

Conversions

Conversions Part 2

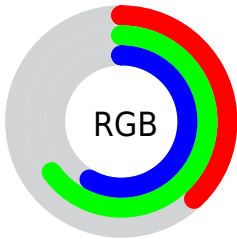
Format	Color
RYB	98, 137, 166
Decimal	6465172
CIELab	63.35, -25.91, 2.56
CIElCh	63, 26.035, 174.363
Yxy	32.0072, 0.2700, 0.3598
Android (android.graphics.Color)	4284655252 (0xFF62A694)
YUV	143.6160, 2.1613, -40.0052
Hunter-Lab	56.5749, -23.2243, 5.0896

Details

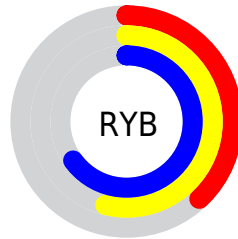
The Yxy color **32.0072, 0.2700, 0.3598** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.1032, 0.3865, 0.3010**, and the grayscale version is **27.7297, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.6526, 0.2787, 0.3530**, and **13.4556, 0.2562, 0.3724** is the 20% darker color. If you saturate the color by 10%, you get **31.0424, 0.2622, 0.3688**, and if you desaturate by 10%, it is **33.1714, 0.2791, 0.3513**.

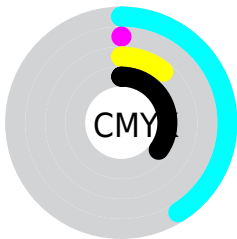
Distribution



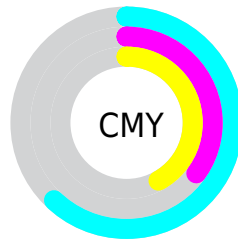
- Red (38%)
- Green (65%)
- Blue (58%)



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



- Cyan (41%)
- Magenta (0%)
- Yellow (11%)
- Black (35%)



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

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.0072, 0.2700, 0.3598 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 32.0072, 0.2700, 0.3598 by changing the saturation by 10% instead.


 32.0072, 0.2700,
0.3598


 32.0072, 0.2700,
0.3598


311.1520, 0.2927,
0.3433

 21.3670, 0.2638,
0.3644


 62.8224, 0.2786,
0.3535

 13.3925, 0.2556,
0.3705


 83.7661, 0.2817,
0.3512

 7.6994, 0.2441,
0.3792


 108.9132, 0.2843,
0.3493

 3.9032, 0.2268,
0.3924

 138.6480, 0.2865,
0.3477

 1.6196, 0.1979,
0.4152

173.3549, 0.2884,
0.3464

 0.3707, 0.0000,
0.6224

213.4182, 0.2900,

 0.0000, 0.0000,

0.3452

0.0000

259.2225, 0.2915,
0.3442

■ 32.0072, 0.2700,
0.3598

■ 32.0072, 0.2700,
0.3598

■ 31.0424, 0.2622,
0.3688

■ 33.1714, 0.2791,
0.3513

■ 30.2611, 0.2560,
0.3782

■ 34.5420, 0.2893,
0.3434

■ 29.6512, 0.2515,
0.3879


■ 36.1305, 0.3002,
0.3362

■ 29.1977, 0.2490,
0.3977

■ 37.9463, 0.3116,
0.3296

■ 28.8826, 0.2483,
0.4074


■ 39.9984, 0.3233,
0.3237

 28.6806, 0.2490,
0.4162

 42.2952, 0.3350,
0.3184

 44.8447, 0.3466,
0.3137

 47.6544, 0.3579,
0.3096

 50.7317, 0.3689,
0.3060

Harmonies

Analogous

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



32.0072, 0.3077, 0.3921



32.0072, 0.2700, 0.3598



32.0072, 0.2446, 0.3193

Triad

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



32.0072, 0.2700, 0.3598



32.0072, 0.2743, 0.2630



32.0072, 0.3951, 0.3649

Complementary

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



32.0072, 0.2700, 0.3598



18.1032, 0.3865, 0.3010

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.



32.0072, 0.3856, 0.3318



32.0072, 0.2700, 0.3598



32.0072, 0.3134, 0.2754

Square

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



32.0072, 0.2700, 0.3598



32.0072, 0.2471, 0.2659



32.0072, 0.3549, 0.2999



32.0072, 0.3809, 0.3919

Rectangle

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



32.0072, 0.2700, 0.3598



32.0072, 0.2372, 0.2952



32.0072, 0.3549, 0.2999



32.0072, 0.3946, 0.3541

Sweetspot

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



32.0085, 0.2700, 0.3598



65.1862, 0.2988, 0.3371



31.8774, 0.3228, 0.4463



14.5041, 0.2974, 0.3379



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.



32.0085, 0.2700, 0.3598



56.5057, 0.2629, 0.3678



27.2058, 0.2534, 0.3017



8.4977, 0.3021, 0.3350



22.2475, 0.2487, 0.4153



0.5490, 0.2398, 0.3833

Inverse Universe

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



18.1032, 0.3865, 0.3010



27.8364, 0.4117, 0.2953



20.9936, 0.4038, 0.3542



7.5737, 0.3246, 0.3230



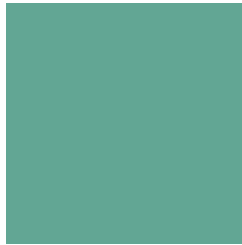
6.4339, 0.5841, 0.2991



0.1648, 0.4939, 0.2494

Previews

White Background



This preview shows how the Yxy color 32.0072, 0.2700, 0.3598 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 32.0072, 0.2700, 0.3598 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 32.0072, 0.2700, 0.3598

Background



This preview shows how black text looks on a background with the Yxy color 32.0072, 0.2700, 0.3598.

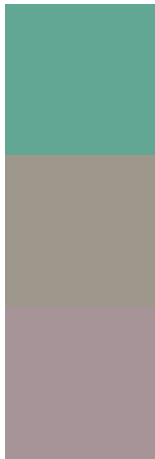


This preview shows how white text looks on a background with the Yxy color 32.0072, 0.2700, 0.3598.

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

32.0072, 0.2700, 0.3598

Protanopia

31.6190, 0.3303, 0.3474

Deuteranopia

31.6623, 0.3286, 0.3232



Tritanopia

31.9391, 0.2553, 0.3078

Trichromacy



Original Color

32.0072, 0.2700, 0.3598

Protanomaly

31.3314, 0.3049, 0.3516

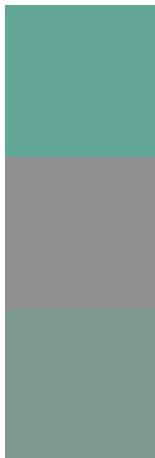
Deuteranomaly

31.4278, 0.3037, 0.3353

Tritanomaly

31.7358, 0.2602, 0.3255

Monochromacy



Original Color

32.0072, 0.2700, 0.3598

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 32.0072, 0.2700, 0.3598 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, 166, 148)` looks like.

```
.text, #text, p{  
    color:rgb(98, 166, 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(98, 166, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 166, 148) }
```

Border

The CSS property to change the border of an element to Yxy 32.0072, 0.2700, 0.3598 is called "border". The border property can be set on classes, ids or directly on the HTML element.

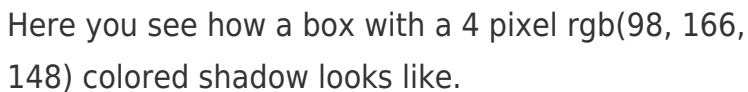
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(98, 166, 148) }
```

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

```
.border{ border-color:rgb(98, 166, 148) }
```

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



Here you see how a box with a 4 pixel `rgb(98, 166, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 166, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 166, 148);  
box-shadow:4px 4px 4px 4px rgb(98, 166,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 32.0072, 0.2700, 0.3598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 166, 148) }
```

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

```
.background{ background-color: rgb(98, 166,  
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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