

Converting Colors

$Y_{xy}(32.4140, 0.2569, 0.3306)$

Have a look what the booklet for
Yxy(32.4140, 0.2569, 0.3306)
contains.

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Color

Yxy(32.4758, 0.2570, 0.3305)

Conversions

Conversions Part 1

Format	Color
Hex	60A6A5
RGB	96, 166, 165
RGB Percent	38%, 65%, 65%
CMY	0.6234, 0.3490, 0.3529
CMYK	0.42, 0.00, 0.01, 0.35
HSL	179°, 28%, 51%
HSV	179°, 42%, 65%
XYZ	25.2535, 32.4758, 40.5333
YIQ	144.9560, -41.3990, -15.1510

Conversions

Conversions Part 2

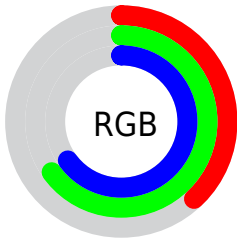
Format	Color
RYB	96, 131, 166
Decimal	6334117
CIELab	63.73, -22.24, -6.40
CIElCh	64, 23.146, 196.054
Yxy	32.4758, 0.2570, 0.3305
Android (android.graphics.Color)	4284524197 (0xFF60A6A5)
YUV	144.9560, 9.8817, -42.9344
Hunter-Lab	56.9875, -20.6276, -2.2797

Details

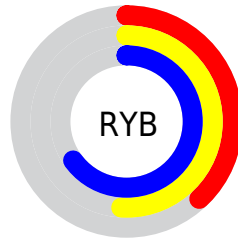
The Yxy color **32.4758, 0.2570, 0.3305** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.3418, 0.4171, 0.3277**, and the grayscale version is **28.2714, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.3642, 0.2675, 0.3301**, and **13.6983, 0.2397, 0.3312** is the 20% darker color. If you saturate the color by 10%, you get **31.6608, 0.2474, 0.3309**, and if you desaturate by 10%, it is **33.4835, 0.2683, 0.3301**.

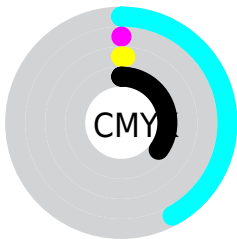
Distribution



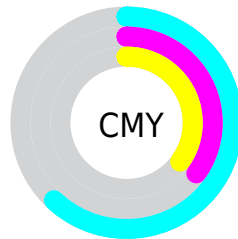
- Red (38%)
- Green (65%)
- Blue (65%)



- Red (38%)
- Yellow (51%)
- Blue (65%)



- Cyan (42%)
- Magenta (0%)
- Yellow (1%)
- Black (35%)




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.4758, 0.2570, 0.3305 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 32.4758, 0.2570, 0.3305 by changing the saturation by 10% instead.


 32.4758, 0.2570,
0.3305


 32.4758, 0.2570,
0.3305


313.2810, 0.2861,
0.3302


 21.7252, 0.2493,
0.3304


 63.5563, 0.2679,
0.3305


 13.6551, 0.2392,
0.3301


 84.6549, 0.2719,
0.3305

 7.8812, 0.2254,
0.3294


 109.9716, 0.2752,
0.3305

 4.0190, 0.2053,
0.3279

 139.8909, 0.2780,
0.3304

 1.6842, 0.1738,
0.3240

174.7971, 0.2805,
0.3304

 0.4134, 0.0000,
0.3153

215.0745, 0.2826,

 0.0000, 0.0000,

0.3303

0.0000

261.1077, 0.2845,
0.3303

■ 32.4758, 0.2570,
0.3305

■ 32.4758, 0.2570,
0.3305

■ 31.6608, 0.2474,
0.3309

■ 33.4835, 0.2683,
0.3301

■ 31.0226, 0.2395,
0.3314

■ 34.6911, 0.2809,
0.3297

■ 30.5490, 0.2335,
0.3318


■ 36.1101, 0.2948,
0.3294


■ 30.2247, 0.2294,
0.3322

■ 37.7498, 0.3095,
0.3291


■ 30.0314, 0.2270,
0.3327


■ 39.6193, 0.3247,
0.3288

 29.9389, 0.2259,
0.3330

 41.7270, 0.3403,
0.3285

 44.0808, 0.3560,
0.3283

 46.6883, 0.3715,
0.3281

 49.5569, 0.3867,
0.3280

Harmonies

Analogous

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



32.4758, 0.2835, 0.3653



32.4758, 0.2570, 0.3305



32.4758, 0.2452, 0.2978

Triad

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



32.4758, 0.2570, 0.3305



32.4758, 0.3033, 0.2768



32.4758, 0.3786, 0.3795

Complementary

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



32.4758, 0.2570, 0.3305



17.3418, 0.4171, 0.3277

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.



32.4758, 0.3853, 0.3535



32.4758, 0.2570, 0.3305



32.4758, 0.3404, 0.2962

Square

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



32.4758, 0.2570, 0.3305



32.4758, 0.2706, 0.2694



32.4758, 0.3712, 0.3235



32.4758, 0.3537, 0.3938

Rectangle

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



32.4758, 0.2570, 0.3305



32.4758, 0.2466, 0.2819



32.4758, 0.3712, 0.3235



32.4758, 0.3831, 0.3717

Sweetspot

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



32.4771, 0.2570, 0.3305



65.2370, 0.2932, 0.3294



30.6694, 0.3077, 0.4559



14.4700, 0.2902, 0.3295



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.



32.4771, 0.2570, 0.3305



57.4888, 0.2475, 0.3309



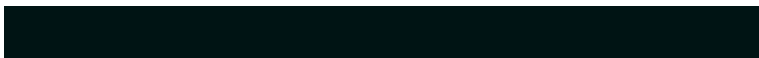
21.7932, 0.2467, 0.2690



8.5302, 0.2989, 0.3293



23.2171, 0.2258, 0.3330



0.5654, 0.2254, 0.3315

Inverse Universe

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



17.3418, 0.4171, 0.3277



26.1425, 0.4562, 0.3276



24.8770, 0.3958, 0.3816



7.5440, 0.3283, 0.3287



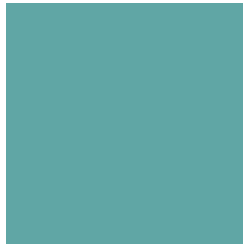
6.2912, 0.6381, 0.3289



0.1536, 0.6291, 0.3239

Previews

White Background



This preview shows how the Yxy color 32.4758, 0.2570, 0.3305 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 32.4758, 0.2570, 0.3305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

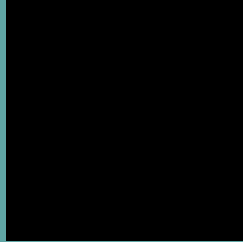
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.4758, 0.2570, 0.3305

Background



This preview shows how black text looks on a background with the Yxy color 32.4758, 0.2570, 0.3305.



This preview shows how white text looks on a background with the Yxy color 32.4758, 0.2570, 0.3305.

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

32.4758, 0.2570, 0.3305

Protanopia

32.1853, 0.3110, 0.3230

Deuteranopia

32.0408, 0.3071, 0.2999



Tritanopia

32.4346, 0.2512, 0.3078

Trichromacy



Original Color

32.4758, 0.2570, 0.3305

Protanomaly

32.0601, 0.2886, 0.3258

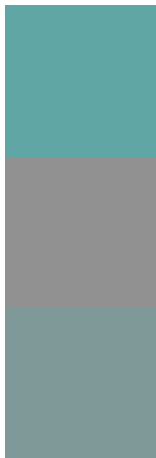
Deuteranomaly

31.6731, 0.2854, 0.3088

Tritanomaly

32.5800, 0.2534, 0.3158

Monochromacy



Original Color

32.4758, 0.2570, 0.3305

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

29.5615, 0.2886, 0.3306

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.4758, 0.2570, 0.3305 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(96, 166, 165) looks like.

```
.text, #text, p{  
    color:rgb(96, 166, 165)  
}
```

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(96, 166, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 166, 165) }
```

Border

The CSS property to change the border of an element to Yxy 32.4758, 0.2570, 0.3305 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(96, 166, 165) }
```

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

```
.border{ border-color:rgb(96, 166, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 166, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 166, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 166, 165);  
box-shadow:4px 4px 4px 4px rgb(96, 166,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 32.4758, 0.2570, 0.3305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 166, 165) }
```

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

```
.background{ background-color: rgb(96, 166,  
165) }
```

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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