

Converting Colors

$Yxy(33.3226, 0.2569, 0.3261)$

Have a look what the booklet for
Yxy(33.3226, 0.2569, 0.3261)
contains.

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Color

Yxy(33.1547, 0.2565, 0.3256)

Conversions

Conversions Part 1

Format	Color
Hex	63A7A9
RGB	99, 167, 169
RGB Percent	39%, 65%, 66%
CMY	0.6121, 0.3450, 0.3373
CMYK	0.41, 0.01, 0.00, 0.34
HSL	182°, 29%, 53%
HSV	182°, 41%, 66%
XYZ	26.1185, 33.1547, 42.5533
YIQ	146.8960, -41.1700, -13.7940

Conversions

Conversions Part 2

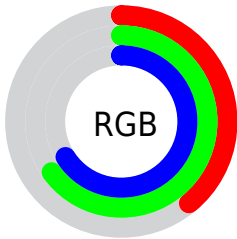
Format	Color
R _Y B	99, 133, 169
Decimal	6530985
CIE Lab	64.29, -20.99, -7.80
CIE LCh	64, 22.395, 200.384
Yxy	33.1547, 0.2565, 0.3256
Android (android.graphics.Color)	4284721065 (0xFF63A7A9)
YUV	146.8960, 10.8973, -42.0048
Hunter-Lab	57.5801, -19.7971, -3.5109

Details

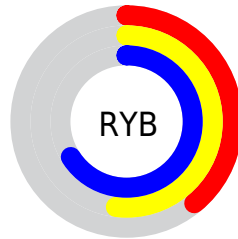
The Yxy color **33.1547, 0.2565, 0.3256** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.6207, 0.4150, 0.3324**, and the grayscale version is **29.0927, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.3967, 0.2672, 0.3264**, and **14.0813, 0.2388, 0.3240** is the 20% darker color. If you saturate the color by 10%, you get **32.1285, 0.2463, 0.3247**, and if you desaturate by 10%, it is **34.3832, 0.2682, 0.3265**.

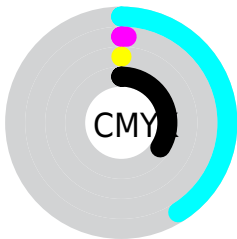
Distribution



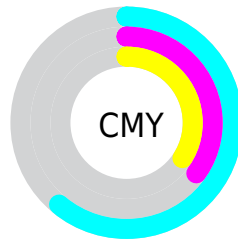
- Red (39%)
- Green (65%)
- Blue (66%)



- Red (39%)
- Yellow (52%)
- Blue (66%)



- Cyan (41%)
- Magenta (1%)
- Yellow (0%)
- Black (34%)




- Cyan (61%)
- Magenta (35%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.1547, 0.2565, 0.3256 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 33.1547, 0.2565, 0.3256 by changing the saturation by 10% instead.


 33.1547, 0.2565,
0.3256


 33.1547, 0.2565,
0.3256


316.3462, 0.2857,
0.3280


 22.2450, 0.2489,
0.3248


 64.6170, 0.2674,
0.3266

 14.0370, 0.2388,
0.3235


 85.9383, 0.2714,
0.3270

 8.1464, 0.2251,
0.3215


 111.4990, 0.2747,
0.3272

 4.1888, 0.2054,
0.3180

 141.6834, 0.2776,
0.3274

 1.7797, 0.1747,
0.3110

176.8760, 0.2801,
0.3276

 0.4745, 0.0000,
0.3081

217.4610, 0.2822,

 0.0000, 0.0000,

0.3277

0.0000

263.8230, 0.2841,
0.3279

■ 33.1547, 0.2565,
0.3256

■ 33.1547, 0.2565,
0.3256

■ 32.1285, 0.2463,
0.3247

■ 34.3832, 0.2682,
0.3265

■ 31.2882, 0.2380,
0.3238

■ 35.8216, 0.2813,
0.3273

■ 30.6212, 0.2314,
0.3228

■ 37.4818, 0.2955,
0.3281

■ 30.1116, 0.2267,
0.3219


■ 39.3736, 0.3105,
0.3289

■ 29.7405, 0.2238,
0.3210


■ 41.5064, 0.3260,
0.3296

 29.4977, 0.2223,
0.3202

 43.8887, 0.3417,
0.3302

 46.5291, 0.3574,
0.3308

 49.4354, 0.3730,
0.3313

 52.6152, 0.3881,
0.3317

Harmonies

Analogous

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



33.1547, 0.2803, 0.3593



33.1547, 0.2565, 0.3256



33.1547, 0.2473, 0.2953

Triad

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



33.1547, 0.2565, 0.3256



33.1547, 0.3088, 0.2808



33.1547, 0.3735, 0.3805

Complementary

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



33.1547, 0.2565, 0.3256



18.6207, 0.4150, 0.3324

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.



33.1547, 0.3828, 0.3567



33.1547, 0.2565, 0.3256



33.1547, 0.3443, 0.3009

Square

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



33.1547, 0.2565, 0.3256



33.1547, 0.2762, 0.2718



33.1547, 0.3720, 0.3280



33.1547, 0.3478, 0.3918

Rectangle

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



33.1547, 0.2565, 0.3256



33.1547, 0.2502, 0.2812



33.1547, 0.3720, 0.3280



33.1547, 0.3787, 0.3736

Sweetspot

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



33.1560, 0.2565, 0.3256



66.8988, 0.2944, 0.3281



31.9423, 0.3060, 0.4520



14.4975, 0.2926, 0.3280



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.



33.1560, 0.2565, 0.3256



57.6434, 0.2469, 0.3247



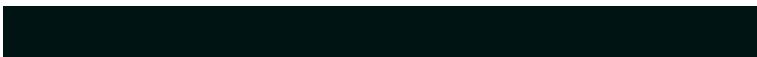
22.2299, 0.2470, 0.2658



8.4953, 0.2987, 0.3283



22.0013, 0.2223, 0.3203



0.5461, 0.2231, 0.3233

Inverse Universe

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



20.1338, 0.3198, 0.2317



31.1520, 0.3214, 0.2118



26.6960, 0.3927, 0.3842



7.6629, 0.3142, 0.3074



8.2921, 0.3279, 0.1580



0.2028, 0.3254, 0.1566

Previews

White Background



This preview shows how the Yxy color 33.1547, 0.2565, 0.3256 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 33.1547, 0.2565, 0.3256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

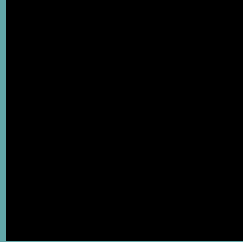
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.1547, 0.2565, 0.3256

Background



This preview shows how black text looks on a background with the Yxy color 33.1547, 0.2565, 0.3256.

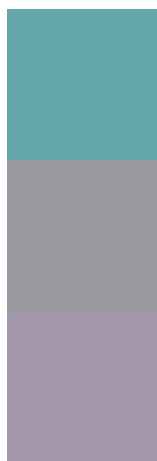


This preview shows how white text looks on a background with the Yxy color 33.1547, 0.2565, 0.3256.

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

33.1547, 0.2565, 0.3256

Protanopia

32.7523, 0.3083, 0.3185

Deuteranopia

32.7932, 0.3043, 0.2986



Tritanopia

32.9897, 0.2515, 0.3065

Trichromacy



Original Color

33.1547, 0.2565, 0.3256

Protanomaly

32.6275, 0.2863, 0.3211

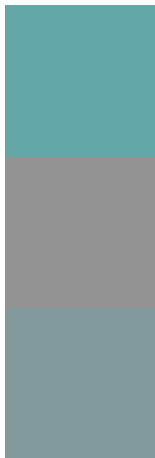
Deuteranomaly

32.5432, 0.2840, 0.3075

Tritanomaly

33.1343, 0.2537, 0.3143

Monochromacy



Original Color

33.1547, 0.2565, 0.3256

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

30.2236, 0.2889, 0.3273

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.1547, 0.2565, 0.3256 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(99, 167, 169)` looks like.

```
.text, #text, p{  
    color:rgb(99, 167, 169)  
}
```

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(99, 167, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 167, 169) }
```

Border

The CSS property to change the border of an element to Yxy 33.1547, 0.2565, 0.3256 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(99, 167, 169) }
```

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

```
.border{ border-color:rgb(99, 167, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 167, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(99, 167, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(99, 167, 169); box-shadow:4px 4px 4px 4px rgb(99, 167, 169) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 33.1547, 0.2565, 0.3256$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 167, 169) }
```

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

```
.background{ background-color: rgb(99, 167,  
169) }
```

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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