

Converting Colors

Yxy(33.4144, 0.2718, 0.3440)

Have a look what the booklet for
Yxy(33.4144, 0.2718, 0.3440)
contains.

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Color

Yxy(33.4211, 0.2717, 0.3437)

Conversions

Conversions Part 1

Format	Color
Hex	6EA79E
RGB	110, 167, 158
RGB Percent	43%, 65%, 62%
CMY	0.5686, 0.3451, 0.3805
CMYK	0.34, 0.00, 0.05, 0.35
HSL	171°, 24%, 54%
HSV	171°, 34%, 65%
XYZ	26.4199, 33.4211, 37.3982
YIQ	148.9310, -31.0830, -14.8830

Conversions

Conversions Part 2

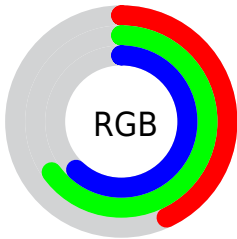
Format	Color
RYB	110, 141, 167
Decimal	7251870
CIELab	64.50, -20.67, -1.27
CIElCh	65, 20.711, 183.516
Yxy	33.4211, 0.2717, 0.3437
Android (android.graphics.Color)	4285441950 (0xFF6EA79E)
YUV	148.9310, 4.4710, -34.1425
Hunter-Lab	57.8110, -19.5939, 2.1127

Details

The Yxy color **33.4211, 0.2717, 0.3437** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.7018, 0.3782, 0.3151**, and the grayscale version is **30.0157, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.9392, 0.2797, 0.3399**, and **14.2528, 0.2586, 0.3481** is the 20% darker color. If you saturate the color by 10%, you get **32.3602, 0.2620, 0.3487**, and if you desaturate by 10%, it is **34.6886, 0.2827, 0.3390**.

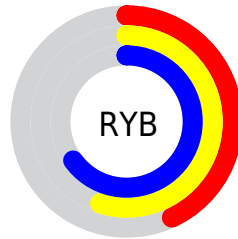
Distribution



Red (43%)

Green (65%)

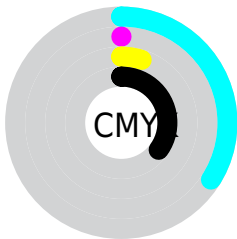
Blue (62%)



Red (43%)

Yellow (55%)

Blue (65%)

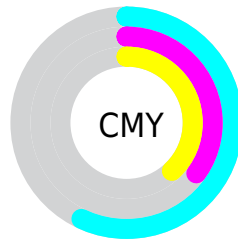


Cyan (34%)

Magenta (0%)

Yellow (5%)

Black (35%)



Cyan (57%)


Magenta (35%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.4211, 0.2717, 0.3437 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 33.4211, 0.2717, 0.3437 by changing the saturation by 10% instead.


 33.4211, 0.2717,
0.3437


 33.4211, 0.2717,
0.3437


317.5430, 0.2932,
0.3361


 22.4492, 0.2660,
0.3457


 65.0324, 0.2798,
0.3409


 14.1874, 0.2584,
0.3483


 86.4406, 0.2827,
0.3398

 8.2511, 0.2479,
0.3519


 112.0965, 0.2852,
0.3389

 4.2560, 0.2325,
0.3571

 142.3842, 0.2873,
0.3382

 1.8178, 0.2077,
0.3652

177.6884, 0.2891,
0.3376

 0.4982, 0.0000,
0.4411

218.3933, 0.2907,

 0.0000, 0.0000,

0.3370

0.0000

264.8834, 0.2920,
0.3365

■ 33.4211, 0.2717,
0.3437

■ 33.4211, 0.2717,
0.3437

■ 32.3602, 0.2620,
0.3487

■ 34.6886, 0.2827,
0.3390

■ 31.4903, 0.2538,
0.3540

■ 36.1691, 0.2947,
0.3346

■ 30.8004, 0.2472,
0.3594


■ 37.8736, 0.3073,
0.3306

■ 30.2765, 0.2426,
0.3650

■ 39.8115, 0.3205,
0.3269


■ 29.9025, 0.2398,
0.3705

■ 41.9913, 0.3338,
0.3236

 29.6590, 0.2388,
0.3761

 44.4212, 0.3471,
0.3207

 29.5494, 0.2387,
0.3793

 47.1090, 0.3603,
0.3182

 50.0622, 0.3732,
0.3159

 52.2669, 0.3810,
0.3137

Harmonies

Analogous

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



33.4211, 0.2995, 0.3715



33.4211, 0.2717, 0.3437



33.4211, 0.2551, 0.3129

Triad

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



33.4211, 0.2717, 0.3437



33.4211, 0.2914, 0.2781



33.4211, 0.3758, 0.3654

Complementary

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



33.4211, 0.2717, 0.3437



20.7018, 0.3782, 0.3151

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.



33.4211, 0.3739, 0.3400



33.4211, 0.2717, 0.3437



33.4211, 0.3237, 0.2914

Square

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



33.4211, 0.2717, 0.3437



33.4211, 0.2660, 0.2768



33.4211, 0.3545, 0.3135



33.4211, 0.3600, 0.3830

Rectangle

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



33.4211, 0.2717, 0.3437



33.4211, 0.2521, 0.2956



33.4211, 0.3545, 0.3135



33.4211, 0.3772, 0.3575

Sweetspot

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



33.4224, 0.2717, 0.3437



65.9294, 0.2996, 0.3329



32.7228, 0.3165, 0.4260



14.6636, 0.2979, 0.3335



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.



33.4224, 0.2717, 0.3437



58.3738, 0.2642, 0.3475



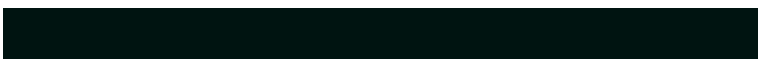
27.2870, 0.2613, 0.2971



8.5114, 0.3007, 0.3326



22.6162, 0.2386, 0.3788



0.5556, 0.2335, 0.3605

Inverse Universe

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



20.7018, 0.3782, 0.3151



32.0725, 0.4001, 0.3120



25.0439, 0.3810, 0.3586



7.5610, 0.3262, 0.3255



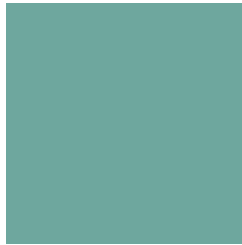
6.3501, 0.6143, 0.3158



0.1600, 0.5407, 0.2752

Previews

White Background



This preview shows how the Yxy color 33.4211, 0.2717, 0.3437 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 33.4211, 0.2717, 0.3437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

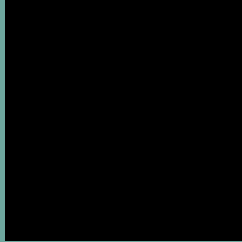
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.4211, 0.2717, 0.3437

Background



This preview shows how black text looks on a background with the Yxy color 33.4211, 0.2717, 0.3437.

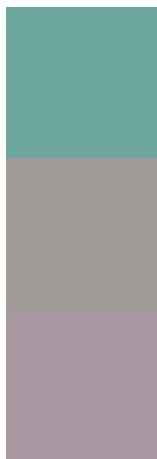


This preview shows how white text looks on a background with the Yxy color 33.4211, 0.2717, 0.3437.

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

33.4211, 0.2717, 0.3437

Protanopia

33.1506, 0.3214, 0.3350

Deuteranopia

33.0313, 0.3205, 0.3146



Tritanopia

33.3701, 0.2614, 0.3084

Trichromacy



Original Color

33.4211, 0.2717, 0.3437

Protanomaly

32.8802, 0.3010, 0.3368

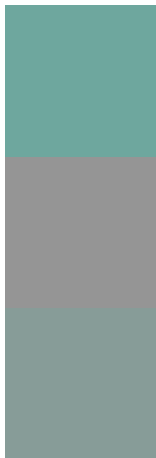
Deuteranomaly

32.8551, 0.3005, 0.3244

Tritanomaly

33.3233, 0.2650, 0.3209

Monochromacy



Original Color

33.4211, 0.2717, 0.3437

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

31.1948, 0.2962, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.4211, 0.2717, 0.3437 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(110, 167, 158)` looks like.

```
.text, #text, p{  
    color:rgb(110, 167, 158)  
}
```

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(110, 167, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 167, 158) }
```

Border

The CSS property to change the border of an element to Yxy 33.4211, 0.2717, 0.3437 is called "border". The border property can be set on classes, ids or directly on the HTML element.

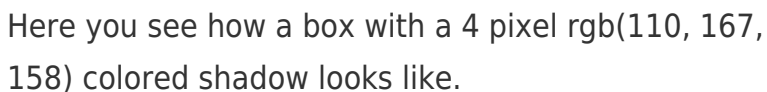
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(110, 167, 158) }
```

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

```
.border{ border-color:rgb(110, 167, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(110, 167, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(110, 167, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(110, 167, 158); box-shadow:4px 4px 4px 4px rgb(110, 167, 158) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 33.4211, 0.2717, 0.3437$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 167, 158) }
```

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

```
.background{ background-color: rgb(110,  
167, 158) }
```

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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