

Converting Colors

$Yxy(34.3149, 0.2781, 0.3337)$

Have a look what the booklet for
Yxy(34.3149, 0.2781, 0.3337)
contains.

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Color

Yxy(34.2019, 0.2786, 0.3337)

Conversions

Conversions Part 1

Format	Color
Hex	7CA6A3
RGB	124, 166, 163
RGB Percent	49%, 65%, 64%
CMY	0.5138, 0.3490, 0.3609
CMYK	0.25, 0.00, 0.02, 0.35
HSL	176°, 19%, 57%
HSV	176°, 25%, 65%
XYZ	28.5545, 34.2019, 39.7365
YIQ	153.1000, -24.0690, -9.8370

Conversions

Conversions Part 2

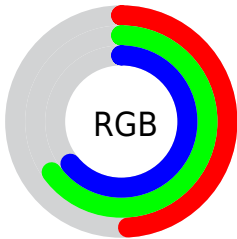
Format	Color
RYB	124, 146, 166
Decimal	8169123
CIELab	65.12, -14.79, -3.06
CIElCh	65, 15.104, 191.681
Yxy	34.2019, 0.2786, 0.3337
Android (android.graphics.Color)	4286359203 (0xFF7CA6A3)
YUV	153.1000, 4.8807, -25.5207
Hunter-Lab	58.4824, -15.1900, 0.6524

Details

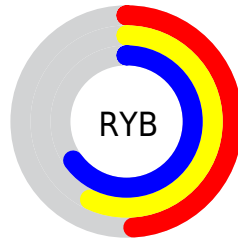
The Yxy color **34.2019, 0.2786, 0.3337** is a light color, and the websafe version is hex **669999**. A complement of this color would be **24.0491, 0.3611, 0.3244**, and the grayscale version is **31.8850, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.2398, 0.2855, 0.3325**, and **14.5988, 0.2676, 0.3358** is the 20% darker color. If you saturate the color by 10%, you get **33.0264, 0.2669, 0.3358**, and if you desaturate by 10%, it is **35.5888, 0.2914, 0.3317**.

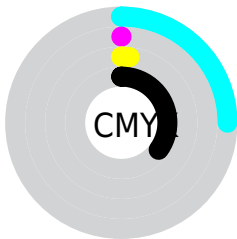
Distribution



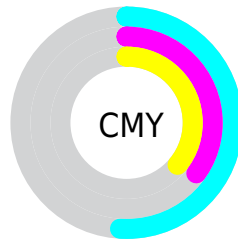
- Red (49%)
- Green (65%)
- Blue (64%)



- Red (49%)
- Yellow (57%)
- Blue (65%)



- Cyan (25%)
- Magenta (0%)
- Yellow (2%)
- Black (35%)



- Cyan (51%)
- Magenta (35%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.2019, 0.2786, 0.3337 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 34.2019, 0.2786, 0.3337 by changing the saturation by 10% instead.


 34.2019, 0.2786,
0.3337


 34.2019, 0.2786,
0.3337


321.0314, 0.2964,
0.3314

 23.0487, 0.2739,
0.3343


 66.2475, 0.2853,
0.3329

 14.6295, 0.2677,
0.3349


 87.9088, 0.2877,
0.3326

 8.5598, 0.2591,
0.3358


 113.8415, 0.2898,
0.3323

 4.4552, 0.2466,
0.3370

144.4301, 0.2915,
0.3321

 1.9313, 0.2265,
0.3384

180.0590, 0.2930,
0.3319

 0.5671, 0.1129,
0.3598

221.1126, 0.2943,

 0.0000, 0.0000,

0.3317

0.0000

267.9753, 0.2954,
0.3315

■ 34.2019, 0.2786,
0.3337

■ 34.2019, 0.2786,
0.3337

■ 33.0264, 0.2669,
0.3358

■ 35.5888, 0.2914,
0.3317

■ 32.0477, 0.2566,
0.3380

■ 37.1926, 0.3052,
0.3299

■ 31.2559, 0.2479,
0.3404

■ 39.0238, 0.3195,
0.3282

■ 30.6384, 0.2410,
0.3427

■ 41.0910, 0.3341,
0.3268

■ 30.1814, 0.2360,
0.3451

■ 43.4023, 0.3488,
0.3254

■ 29.8687, 0.2328,
0.3475

■ 45.9654, 0.3634,
0.3243

■ 29.6798, 0.2313,
0.3499

■ 48.7877, 0.3778,
0.3232

■ 29.6109, 0.2308,
0.3510

■ 51.5368, 0.3901,
0.3223

■ 51.5832, 0.3890,
0.3211

Harmonies

Analogous

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



34.2019, 0.2973, 0.3546



34.2019, 0.2786, 0.3337



34.2019, 0.2690, 0.3123

Triad

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



34.2019, 0.2786, 0.3337



34.2019, 0.3035, 0.2934



34.2019, 0.3564, 0.3601

Complementary

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



34.2019, 0.2786, 0.3337



24.0491, 0.3611, 0.3244

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.



34.2019, 0.3585, 0.3429



34.2019, 0.2786, 0.3337



34.2019, 0.3273, 0.3053

Square

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



34.2019, 0.2786, 0.3337



34.2019, 0.2830, 0.2900



34.2019, 0.3477, 0.3231



34.2019, 0.3423, 0.3698

Rectangle

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



34.2019, 0.2786, 0.3337



34.2019, 0.2688, 0.3009



34.2019, 0.3477, 0.3231



34.2019, 0.3586, 0.3550

Sweetspot

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



34.2033, 0.2786, 0.3337



66.6272, 0.3012, 0.3304



33.2799, 0.3126, 0.3986



14.8125, 0.2992, 0.3307



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.



34.2033, 0.2786, 0.3337



60.9023, 0.2723, 0.3348



28.3722, 0.2739, 0.3005



8.5226, 0.2996, 0.3306



22.9612, 0.2308, 0.3508



0.5613, 0.2286, 0.3429

Inverse Universe

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



24.0491, 0.3611, 0.3244



39.4951, 0.3748, 0.3235



28.7570, 0.3584, 0.3559



7.5508, 0.3275, 0.3274



6.3100, 0.6302, 0.3246



0.1562, 0.5892, 0.3019

Previews

White Background



This preview shows how the Yxy color 34.2019, 0.2786, 0.3337 looks on a white background.

Color Contrast Check

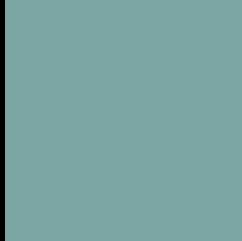
Large Text (above 18pt) WCAG AA × Fail

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 34.2019, 0.2786, 0.3337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

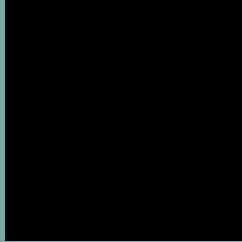
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.2019, 0.2786, 0.3337

Background



This preview shows how black text looks on a background with the Yxy color 34.2019, 0.2786, 0.3337.

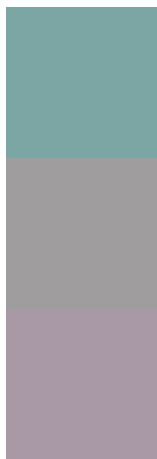


This preview shows how white text looks on a background with the Yxy color 34.2019, 0.2786, 0.3337.

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

34.2019, 0.2786, 0.3337

Protanopia

34.0561, 0.3147, 0.3275

Deuteranopia

33.9707, 0.3166, 0.3105



Tritanopia

34.2373, 0.2704, 0.3089

Trichromacy



Original Color

34.2019, 0.2786, 0.3337

Protanomaly

33.8827, 0.3005, 0.3290

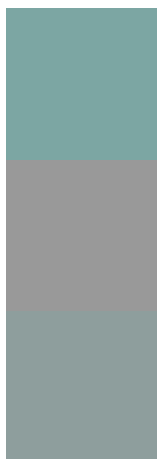
Deuteranomaly

33.9426, 0.3018, 0.3186

Tritanomaly

34.3244, 0.2734, 0.3180

Monochromacy



Original Color

34.2019, 0.2786, 0.3337

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

32.6388, 0.2984, 0.3305

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.2019, 0.2786, 0.3337 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(124, 166, 163)` looks like.

```
.text, #text, p{  
    color:rgb(124, 166, 163)  
}
```

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(124, 166, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 166, 163) }
```

Border

The CSS property to change the border of an element to Yxy 34.2019, 0.2786, 0.3337 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(124, 166, 163) }
```

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

```
.border{ border-color:rgb(124, 166, 163) }
```

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

Here you see how a box with a 4 pixel rgb(124, 166, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 166, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 166, 163);  
box-shadow:4px 4px 4px 4px rgb(124, 166,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 34.2019, 0.2786, 0.3337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 166, 163) }
```

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

```
.background{ background-color: rgb(124,  
166, 163) }
```

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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