

Converting Colors

$Yxy(34.1361, 0.2797, 0.3811)$

Have a look what the booklet for
Yxy(34.1361, 0.2797, 0.3811)
contains.

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Color

Yxy(34.3117, 0.2796, 0.3814)

Conversions

Conversions Part 1

Format	Color
Hex	67AC8D
RGB	103, 172, 141
RGB Percent	40%, 67%, 55%
CMY	0.5961, 0.3255, 0.4470
CMYK	0.40, 0.00, 0.18, 0.33
HSL	153°, 29%, 54%
HSV	153°, 40%, 67%
XYZ	25.1535, 34.3117, 30.4973
YIQ	147.8350, -31.1730, -24.2690

Conversions

Conversions Part 2

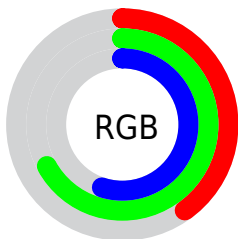
Format	Color
RYB	103, 147, 172
Decimal	6794381
CIELab	65.21, -29.03, 9.16
CIELCh	65, 30.437, 162.487
Yxy	34.3117, 0.2796, 0.3814
Android (android.graphics.Color)	4284984461 (0xFF67AC8D)
YUV	147.8350, -3.3697, -39.3203
Hunter-Lab	58.5762, -25.8577, 10.1344

Details

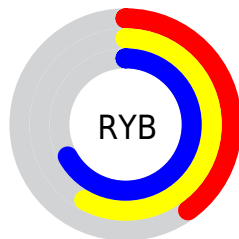
The Yxy color **34.3117, 0.2796, 0.3814** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **20.1922, 0.3663, 0.2827**, and the grayscale version is **29.5664, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.5950, 0.2863, 0.3703**, and **14.6271, 0.2675, 0.3993** is the 20% darker color. If you saturate the color by 10%, you get **33.1764, 0.2734, 0.3974**, and if you desaturate by 10%, it is **35.6750, 0.2869, 0.3665**.

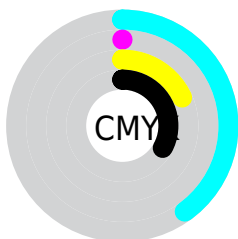
Distribution



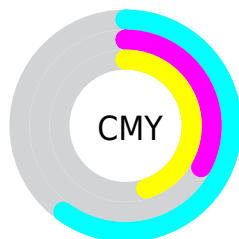
- Red (40%)
- Green (67%)
- Blue (55%)



- Red (40%)
- Yellow (58%)
- Blue (67%)



- Cyan (40%)
- Magenta (0%)
- Yellow (18%)
- Black (33%)





- Cyan (60%)
- Magenta (33%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.3117, 0.2796, 0.3814 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 34.3117, 0.2796, 0.3814 by changing the saturation by 10% instead.


 34.3117, 0.2796,
0.3814


 34.3117, 0.2796,
0.3814


321.5197, 0.2974,
0.3530


 23.1332, 0.2747,
0.3893


 66.4181, 0.2864,
0.3705


 14.6919, 0.2681,
0.4001

 88.1147, 0.2889,
0.3665

 8.6034, 0.2587,
0.4155


 114.0862, 0.2909,
0.3633

 4.4834, 0.2445,
0.4393

 144.7169, 0.2926,
0.3606

 1.9475, 0.2203,
0.4806

180.3912, 0.2941,
0.3582

 0.5767, 0.0000,
1.0000

221.4935, 0.2953,

 0.0000, 0.0000,

0.3562

0.0000

268.4082, 0.2964,
0.3545

■ 34.3117, 0.2796,
0.3814

■ 34.3117, 0.2796,
0.3814

■ 33.1764, 0.2734,
0.3974

■ 35.6750, 0.2869,
0.3665

■ 32.2518, 0.2686,
0.4141

■ 37.2744, 0.2951,
0.3528

■ 31.5244, 0.2655,
0.4314


■ 39.1224, 0.3037,
0.3403


■ 30.9778, 0.2643,
0.4489

■ 41.2296, 0.3126,
0.3291


■ 30.5923, 0.2651,
0.4660


■ 43.6058, 0.3216,
0.3191

 30.3279, 0.2673,
0.4824

 46.2604, 0.3305,
0.3103

 49.2024, 0.3392,
0.3025

 52.4402, 0.3476,
0.2957

 55.4469, 0.3533,
0.2894

Harmonies

Analogous

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



34.3117, 0.3252, 0.4103



34.3117, 0.2796, 0.3814



34.3117, 0.2446, 0.3358

Triad

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



34.3117, 0.2796, 0.3814



34.3117, 0.2548, 0.2535



34.3117, 0.4059, 0.3544

Complementary

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



34.3117, 0.2796, 0.3814



20.1922, 0.3663, 0.2827

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.



34.3117, 0.3846, 0.3168



34.3117, 0.2796, 0.3814



34.3117, 0.2946, 0.2612

Square

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



34.3117, 0.2796, 0.3814



34.3117, 0.2314, 0.2636



34.3117, 0.3425, 0.2838



34.3117, 0.3997, 0.3892

Rectangle

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



34.3117, 0.2796, 0.3814



34.3117, 0.2311, 0.3056



34.3117, 0.3425, 0.2838



34.3117, 0.4017, 0.3418

Sweetspot

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



34.3131, 0.2796, 0.3814



70.2295, 0.3019, 0.3428



35.5582, 0.3344, 0.4397



15.1690, 0.3008, 0.3443



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34.3131, 0.2796, 0.3814



60.4220, 0.2741, 0.3953



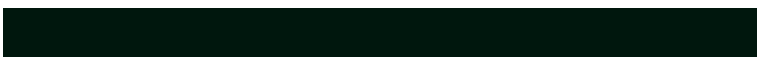
34.0722, 0.2576, 0.3233



9.0104, 0.3044, 0.3394



22.5790, 0.2669, 0.4807



0.6389, 0.2527, 0.4297

Inverse Universe

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



20.1922, 0.3663, 0.2827



31.2807, 0.3838, 0.2729



20.1509, 0.4094, 0.3345



8.0729, 0.3219, 0.3189



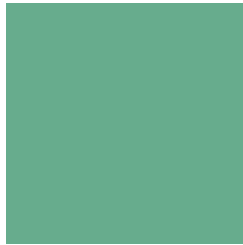
6.9391, 0.5137, 0.2604



0.2042, 0.4410, 0.2203

Previews

White Background



This preview shows how the Yxy color 34.3117, 0.2796, 0.3814 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 34.3117, 0.2796, 0.3814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

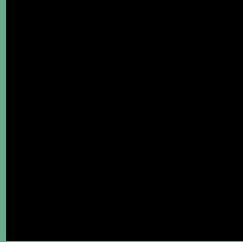
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.3117, 0.2796, 0.3814

Background



This preview shows how black text looks on a background with the Yxy color 34.3117, 0.2796, 0.3814.



This preview shows how white text looks on a background with the Yxy color 34.3117, 0.2796, 0.3814.

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

34.3117, 0.2796, 0.3814

Protanopia

33.9144, 0.3443, 0.3647

Deuteranopia

33.8479, 0.3453, 0.3391



Tritanopia

34.3775, 0.2579, 0.3085

Trichromacy



Original Color

34.3117, 0.2796, 0.3814

Protanomaly

33.4579, 0.3174, 0.3702

Deuteranomaly

33.2939, 0.3175, 0.3522

Tritanomaly

34.3803, 0.2657, 0.3337

Monochromacy



Original Color

34.3117, 0.2796, 0.3814

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

31.0638, 0.2994, 0.3485

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.3117, 0.2796, 0.3814 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(103, 172, 141)` looks like.

```
.text, #text, p{  
    color:rgb(103, 172, 141)  
}
```

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(103, 172, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 172, 141) }
```

Border

The CSS property to change the border of an element to Yxy 34.3117, 0.2796, 0.3814 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(103, 172, 141) }
```

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

```
.border{ border-color:rgb(103, 172, 141) }
```

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

Here you see how a box with a 4 pixel rgb(103, 172, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 172, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 172, 141);  
box-shadow:4px 4px 4px 4px rgb(103, 172,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 34.3117, 0.2796, 0.3814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 172, 141) }
```

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

```
.background{ background-color: rgb(103,  
172, 141) }
```

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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