

Converting Colors

$Yxy(34.3026, 0.2823, 0.3796)$

Have a look what the booklet for
Yxy(34.3026, 0.2823, 0.3796)
contains.

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Color

Yxy(34.1747, 0.2824, 0.3794)

Conversions

Conversions Part 1

Format	Color
Hex	6BAB8D
RGB	107, 171, 141
RGB Percent	42%, 67%, 55%
CMY	0.5803, 0.3294, 0.4470
CMYK	0.37, 0.00, 0.18, 0.33
HSL	152°, 28%, 55%
HSV	152°, 37%, 67%
XYZ	25.4374, 34.1747, 30.4636
YIQ	148.4440, -28.5140, -22.8980

Conversions

Conversions Part 2

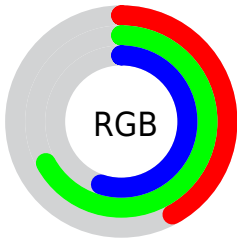
Format	Color
RYB	107, 149, 171
Decimal	7056269
CIELab	65.10, -27.36, 9.02
CIELCh	65, 28.806, 161.751
Yxy	34.1747, 0.2824, 0.3794
Android (android.graphics.Color)	4285246349 (0xFF6BAB8D)
YUV	148.4440, -3.6699, -36.3464
Hunter-Lab	58.4591, -24.6327, 10.0248

Details

The Yxy color **34.1747, 0.2824, 0.3794** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **20.9843, 0.3597, 0.2841**, and the grayscale version is **29.8374, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.4554, 0.2887, 0.3688**, and **14.5244, 0.2713, 0.3964** is the 20% darker color. If you saturate the color by 10%, you get **32.9887, 0.2760, 0.3958**, and if you desaturate by 10%, it is **35.5904, 0.2898, 0.3641**.

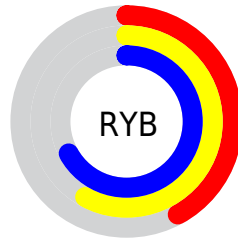
Distribution



Red (42%)

Green (67%)

Blue (55%)



Red (42%)

Yellow (58%)

Blue (67%)

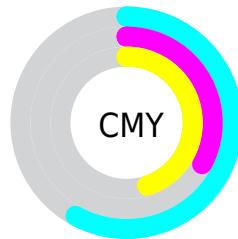


Cyan (37%)

Magenta (0%)

Yellow (18%)

Black (33%)



Cyan (58%)


Magenta (33%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.1747, 0.2824, 0.3794 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 34.1747, 0.2824, 0.3794 by changing the saturation by 10% instead.


 34.1747, 0.2824,
0.3794

 34.1747, 0.2824,
0.3794


320.9103, 0.2987,
0.3520


 23.0278, 0.2779,
0.3870


 66.2052, 0.2886,
0.3689


 14.6141, 0.2718,
0.3974


 87.8577, 0.2909,
0.3651

 8.5490, 0.2632,
0.4122


 113.7809, 0.2928,
0.3620

 4.4482, 0.2500,
0.4351

 144.3591, 0.2943,
0.3594

 1.9273, 0.2276,
0.4749

179.9767, 0.2957,
0.3571

 0.5647, 0.0000,
1.0000

221.0182, 0.2968,

 0.0000, 0.0000,

0.3552

0.0000

267.8680, 0.2978,
0.3535

■ 34.1747, 0.2824,
0.3794

■ 34.1747, 0.2824,
0.3794

■ 32.9887, 0.2760,
0.3958

■ 35.5904, 0.2898,
0.3641

■ 32.0153, 0.2710,
0.4132

■ 37.2433, 0.2978,
0.3502

■ 31.2419, 0.2676,
0.4311


■ 39.1458, 0.3063,
0.3375


■ 30.6527, 0.2660,
0.4493


■ 41.3079, 0.3150,
0.3262

■ 30.2291, 0.2664,
0.4673

■ 43.7395, 0.3237,
0.3161


 29.9430, 0.2685,
0.4846

 46.4496, 0.3322,
0.3072

 29.8782, 0.2692,
0.4891

 49.4470, 0.3405,
0.2994

 52.7399, 0.3486,
0.2925

 55.1958, 0.3512,
0.2858

Harmonies

Analogous

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



34.1747, 0.3259, 0.4061



34.1747, 0.2824, 0.3794



34.1747, 0.2486, 0.3367

Triad

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



34.1747, 0.2824, 0.3794



34.1747, 0.2569, 0.2572



34.1747, 0.4008, 0.3526

Complementary

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



34.1747, 0.2824, 0.3794



20.9843, 0.3597, 0.2841

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.



34.1747, 0.3800, 0.3168



34.1747, 0.2824, 0.3794



34.1747, 0.2946, 0.2640

Square

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



34.1747, 0.2824, 0.3794



34.1747, 0.2350, 0.2674



34.1747, 0.3400, 0.2853



34.1747, 0.3957, 0.3857

Rectangle

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



34.1747, 0.2824, 0.3794



34.1747, 0.2354, 0.3080



34.1747, 0.3400, 0.2853



34.1747, 0.3966, 0.3406

Sweetspot

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



34.1761, 0.2824, 0.3794



68.7675, 0.3031, 0.3422



35.5856, 0.3352, 0.4308



15.2352, 0.3019, 0.3438



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.



34.1761, 0.2824, 0.3794



59.3998, 0.2770, 0.3931



34.7913, 0.2612, 0.3271



9.0078, 0.3047, 0.3398



22.5352, 0.2687, 0.4874



0.6378, 0.2540, 0.4344

Inverse Universe

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



20.9843, 0.3597, 0.2841



32.2861, 0.3750, 0.2741



20.4640, 0.4014, 0.3309



8.0755, 0.3216, 0.3184



6.9752, 0.5057, 0.2559



0.2052, 0.4358, 0.2175

Previews

White Background



This preview shows how the Yxy color 34.1747, 0.2824, 0.3794 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 34.1747, 0.2824, 0.3794 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 34.1747, 0.2824, 0.3794

Background



This preview shows how black text looks on a background with the Yxy color 34.1747, 0.2824, 0.3794.



This preview shows how white text looks on a background with the Yxy color 34.1747, 0.2824, 0.3794.

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

34.1747, 0.2824, 0.3794

Protanopia

33.8345, 0.3423, 0.3634

Deuteranopia

33.8479, 0.3453, 0.3391



Tritanopia

34.2401, 0.2612, 0.3086

Trichromacy



Original Color

34.1747, 0.2824, 0.3794

Protanomaly

33.5761, 0.3175, 0.3684

Deuteranomaly

33.4853, 0.3194, 0.3521

Tritanomaly

34.2326, 0.2691, 0.3337

Monochromacy



Original Color

34.1747, 0.2824, 0.3794

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

30.8078, 0.3003, 0.3469

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.1747, 0.2824, 0.3794 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(107, 171, 141)` looks like.

```
.text, #text, p{  
    color:rgb(107, 171, 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(107, 171, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 171, 141) }
```

Border

The CSS property to change the border of an element to Yxy 34.1747, 0.2824, 0.3794 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(107, 171, 141) }
```

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

```
.border{ border-color:rgb(107, 171, 141) }
```

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

Here you see how a box with a 4 pixel rgb(107, 171, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 171, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 171, 141);  
box-shadow:4px 4px 4px 4px rgb(107, 171,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 34.1747, 0.2824, 0.3794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 171, 141) }
```

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

```
.background{ background-color: rgb(107,  
171, 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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