

Converting Colors

$Yxy(34.2866, 0.3252, 0.4077)$

Have a look what the booklet for
Yxy(34.2866, 0.3252, 0.4077)
contains.

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Color

Yxy(34.1797, 0.3254, 0.4082)

Conversions

Conversions Part 1

Format	Color
Hex	88A776
RGB	136, 167, 118
RGB Percent	53%, 65%, 46%
CMY	0.4665, 0.3451, 0.5372
CMYK	0.19, 0.00, 0.29, 0.35
HSL	98°, 22%, 56%
HSV	98°, 29%, 65%
XYZ	27.2466, 34.1797, 22.3064
YIQ	152.1450, -2.7470, -21.8110

Conversions

Conversions Part 2

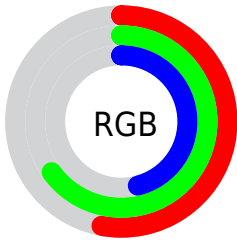
Format	Color
RYB	118, 167, 149
Decimal	8955766
CIELab	65.10, -19.91, 21.93
CIELCh	65, 29.622, 132.228
Yxy	34.1797, 0.3254, 0.4082
Android (android.graphics.Color)	4287145846 (0xFF88A776)
YUV	152.1450, -16.8335, -14.1592
Hunter-Lab	58.4634, -19.1218, 18.3026

Details

The Yxy color $34.1797, 0.3254, 0.4082$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $22.1394, 0.2955, 0.2532$, and the grayscale version is $31.5438, 0.3127, 0.3290$.

A 20% lighter version of the original color is $66.0920, 0.3239, 0.3920$, and $14.6224, 0.3274, 0.4372$ is the 20% darker color. If you saturate the color by 10%, you get $32.9774, 0.3288, 0.4389$, and if you desaturate by 10%, it is $35.5424, 0.3213, 0.3791$.

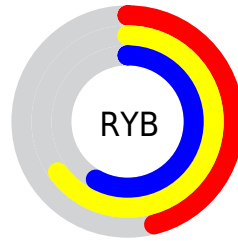
Distribution



Red (53%)

Green (65%)

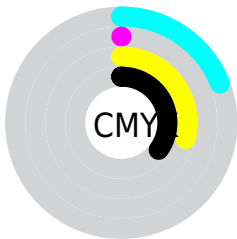
Blue (46%)



Red (46%)

Yellow (65%)

Blue (58%)

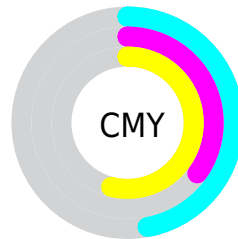


Cyan (19%)

Magenta (0%)

Yellow (29%)

Black (35%)



Cyan (47%)


Magenta (35%)

Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.1797, 0.3254, 0.4082 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 34.1797, 0.3254, 0.4082 by changing the saturation by 10% instead.


 34.1797, 0.3254,
0.4082


 34.1797, 0.3254,
0.4082


320.9326, 0.3196,
0.3651


 23.0317, 0.3265,
0.4202


 66.2130, 0.3235,
0.3916

 14.6169, 0.3277,
0.4364


 87.8671, 0.3227,
0.3857

 8.5510, 0.3286,
0.4594


 113.7920, 0.3221,
0.3808

 4.4495, 0.3286,
0.4943

144.3721, 0.3215,
0.3766

 1.9280, 0.3381,
0.5761

179.9919, 0.3209,
0.3731

 0.5652, 0.0830,
0.9170

221.0356, 0.3205,

 0.0000, 0.0000,

0.3701

0.0000

267.8877, 0.3200,
0.3674

■ 34.1797, 0.3254,
0.4082

■ 34.1797, 0.3254,
0.4082

■ 32.9774, 0.3288,
0.4389

■ 35.5424, 0.3213,
0.3791

■ 31.9248, 0.3313,
0.4700

■ 37.0668, 0.3169,
0.3520

■ 31.0167, 0.3325,
0.5004

■ 38.7599, 0.3124,
0.3274

■ 30.2459, 0.3321,
0.5283

■ 40.6271, 0.3079,
0.3053

■ 29.6044, 0.3300,
0.5519

■ 42.6733, 0.3035,
0.2855

■ 29.0831, 0.3262,
0.5699

■ 44.9033, 0.2993,
0.2680

■ 28.6665, 0.3214,
0.5825

■ 47.3217, 0.2954,
0.2525

■ 28.6412, 0.3211,
0.5832

■ 49.9329, 0.2917,
0.2388

■ 51.8537, 0.2976,
0.2380

Harmonies

Analogous

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



34.1797, 0.3685, 0.4093



34.1797, 0.3254, 0.4082



34.1797, 0.2808, 0.3803

Triad

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



34.1797, 0.3254, 0.4082



34.1797, 0.2332, 0.2654



34.1797, 0.3824, 0.3169

Complementary

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



34.1797, 0.3254, 0.4082



22.1394, 0.2955, 0.2532

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.



34.1797, 0.3414, 0.2846



34.1797, 0.3254, 0.4082



34.1797, 0.2559, 0.2553

Square

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



34.1797, 0.3254, 0.4082



34.1797, 0.2298, 0.2936



34.1797, 0.2947, 0.2626



34.1797, 0.4035, 0.3536

Rectangle

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



34.1797, 0.3254, 0.4082



34.1797, 0.2562, 0.3515



34.1797, 0.2947, 0.2626



34.1797, 0.3703, 0.3053

Sweetspot

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



34.1812, 0.3254, 0.4082



66.4356, 0.3169, 0.3516



30.7728, 0.3633, 0.3747



14.7768, 0.3175, 0.3553



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.



34.1812, 0.3254, 0.4082



59.8281, 0.3277, 0.4274



32.9373, 0.3043, 0.4023



8.5371, 0.3169, 0.3519



21.9436, 0.3218, 0.5827



0.5630, 0.3497, 0.5606

Inverse Universe

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



22.1394, 0.2955, 0.2532



34.8130, 0.2908, 0.2357



23.7596, 0.3224, 0.2653



7.5267, 0.3081, 0.3063



4.4887, 0.2319, 0.1051



0.1367, 0.2622, 0.1218

Previews

White Background



This preview shows how the Yxy color 34.1797, 0.3254, 0.4082 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 34.1797, 0.3254, 0.4082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

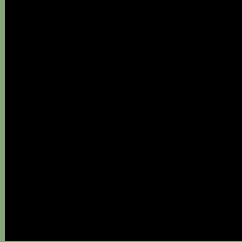
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.1797, 0.3254, 0.4082

Background



This preview shows how black text looks on a background with the Yxy color 34.1797, 0.3254, 0.4082.



This preview shows how white text looks on a background with the Yxy color 34.1797, 0.3254, 0.4082.

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

34.1797, 0.3254, 0.4082

Protanopia

33.8749, 0.3668, 0.3924

Deuteranopia

33.8280, 0.3788, 0.3711



Tritanopia

34.1785, 0.2879, 0.3095

Trichromacy



Original Color

34.1797, 0.3254, 0.4082

Protanomaly

33.9966, 0.3517, 0.3993

Deuteranomaly

33.6855, 0.3579, 0.3842

Tritanomaly

34.2451, 0.3018, 0.3445

Monochromacy



Original Color

34.1797, 0.3254, 0.4082

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

32.1184, 0.3173, 0.3558

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.1797, 0.3254, 0.4082 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(136, 167, 118)` looks like.

```
.text, #text, p{  
    color:rgb(136, 167, 118)  
}
```

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(136, 167, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 167, 118) }
```

Border

The CSS property to change the border of an element to Yxy 34.1797, 0.3254, 0.4082 is called "border". The border property can be set on classes, ids or directly on the HTML element.

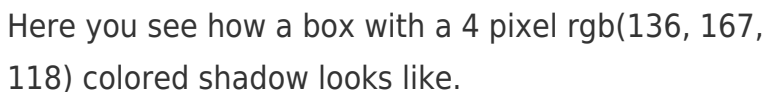
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(136, 167, 118) }
```

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

```
.border{ border-color:rgb(136, 167, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(136, 167, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(136, 167, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(136, 167, 118); box-shadow:4px 4px 4px 4px rgb(136, 167, 118) }
```


Background

The CSS property to change the background color of an element to Yxy 34.1797, 0.3254, 0.4082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 167, 118) }
```

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

```
.background{ background-color: rgb(136,  
167, 118) }
```

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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