

Converting Colors

Yxy(36.1356, 0.3285, 0.4195)

Have a look what the booklet for
Yxy(36.1356, 0.3285, 0.4195)
contains.

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Color

Yxy(36.1461, 0.3287, 0.4194)

Conversions

Conversions Part 1

Format	Color
Hex	8AAC73
RGB	138, 172, 115
RGB Percent	54%, 67%, 45%
CMY	0.4588, 0.3255, 0.5489
CMYK	0.20, 0.00, 0.33, 0.33
HSL	96°, 26%, 56%
HSV	96°, 33%, 67%
XYZ	28.3291, 36.1461, 21.7101
YIQ	155.3360, -1.9670, -24.9350

Conversions

Conversions Part 2

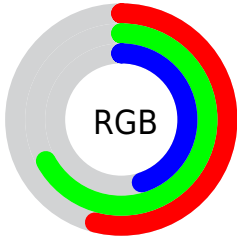
Format	Color
RYB	115, 172, 149
Decimal	9088115
CIELab	66.63, -22.18, 25.63
CIElCh	67, 33.891, 130.875
Yxy	36.1461, 0.3287, 0.4194
Android (android.graphics.Color)	4287278195 (0xFF8AAC73)
YUV	155.3360, -19.8856, -15.2037
Hunter-Lab	60.1216, -21.1043, 20.6754

Details

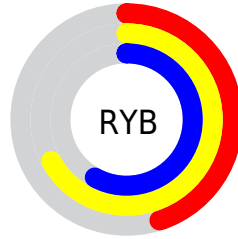
The Yxy color **36.1461, 0.3287, 0.4194** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **21.6377, 0.2904, 0.2419**, and the grayscale version is **33.0269, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.4833, 0.3265, 0.4018**, and **15.8525, 0.3315, 0.4518** is the 20% darker color. If you saturate the color by 10%, you get **34.9533, 0.3324, 0.4501**, and if you desaturate by 10%, it is **37.4987, 0.3243, 0.3898**.

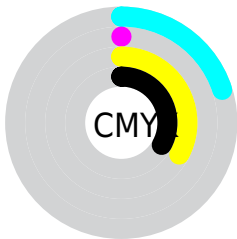
Distribution



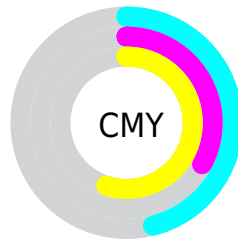
- Red (54%)
- Green (67%)
- Blue (45%)



- Red (45%)
- Yellow (67%)
- Blue (58%)



- Cyan (20%)
- Magenta (0%)
- Yellow (33%)
- Black (33%)



- Cyan (46%)
- Magenta (33%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.1461, 0.3287, 0.4194 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 36.1461, 0.3287, 0.4194 by changing the saturation by 10% instead.

36.1461, 0.3287,
0.4194

36.1461, 0.3287,
0.4194

329.5987, 0.3216,
0.3705

24.5471, 0.3300,
0.4328

69.2575, 0.3264,
0.4007

15.7399, 0.3314,
0.4509

91.5387, 0.3255,
0.3940

9.3403, 0.3323,
0.4761

118.1493, 0.3246,
0.3884

4.9638, 0.3319,
0.5136

149.4738, 0.3239,
0.3837

2.2260, 0.3414,
0.6010

185.8966, 0.3232,
0.3797

0.7341, 0.1756,
0.8244

227.8021, 0.3226,

0.0000, 0.0000,

0.3762

0.0000

275.5747, 0.3221,
0.3732

■ 36.1461, 0.3287,
0.4194

■ 36.1461, 0.3287,
0.4194

■ 34.9533, 0.3324,
0.4501

■ 37.4987, 0.3243,
0.3898

■ 33.9091, 0.3349,
0.4807

■ 39.0124, 0.3194,
0.3620

■ 33.0083, 0.3359,
0.5098

■ 40.6944, 0.3143,
0.3365


■ 32.2432, 0.3352,
0.5357

■ 42.5501, 0.3092,
0.3133


■ 31.6056, 0.3326,
0.5569


■ 44.5845, 0.3043,
0.2926


 31.0856, 0.3283,
0.5723

 46.8025, 0.2995,
0.2741

 30.7844, 0.3248,
0.5803

 49.2088, 0.2950,
0.2576

 51.8080, 0.2908,
0.2431

 53.6123, 0.2971,
0.2430

Harmonies

Analogous

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



36.1461, 0.3766, 0.4184



36.1461, 0.3287, 0.4194



36.1461, 0.2788, 0.3891

Triad

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



36.1461, 0.3287, 0.4194



36.1461, 0.2236, 0.2588



36.1461, 0.3894, 0.3134

Complementary

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



36.1461, 0.3287, 0.4194



21.6377, 0.2904, 0.2419

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.



36.1461, 0.3424, 0.2782



36.1461, 0.3287, 0.4194



36.1461, 0.2478, 0.2471

Square

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



36.1461, 0.3287, 0.4194



36.1461, 0.2208, 0.2907



36.1461, 0.2901, 0.2546



36.1461, 0.4143, 0.3538

Rectangle

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



36.1461, 0.3287, 0.4194



36.1461, 0.2510, 0.3565



36.1461, 0.2901, 0.2546



36.1461, 0.3754, 0.3007

Sweetspot

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



36.1477, 0.3287, 0.4194



71.6391, 0.3179, 0.3543



31.2713, 0.3719, 0.3783



15.4813, 0.3186, 0.3578



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.



36.1477, 0.3287, 0.4194



63.9050, 0.3316, 0.4426



34.5031, 0.3046, 0.4170



9.0911, 0.3175, 0.3520



22.9381, 0.3256, 0.5797



0.6705, 0.3513, 0.5592

Inverse Universe

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



21.6377, 0.2904, 0.2419



33.3488, 0.2837, 0.2205



23.8373, 0.3218, 0.2545



7.9846, 0.3076, 0.3062



4.3794, 0.2239, 0.1007



0.1526, 0.2537, 0.1171

Previews

White Background



This preview shows how the Yxy color 36.1461, 0.3287, 0.4194 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 36.1461, 0.3287, 0.4194 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 36.1461, 0.3287, 0.4194

Background



This preview shows how black text looks on a background with the Yxy color 36.1461, 0.3287, 0.4194.



This preview shows how white text looks on a background with the Yxy color 36.1461, 0.3287, 0.4194.

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

36.1461, 0.3287, 0.4194

Protanopia

36.1023, 0.3726, 0.4020

Deuteranopia

35.8510, 0.3853, 0.3780



Tritanopia

36.0211, 0.2876, 0.3099

Trichromacy



Original Color

36.1461, 0.3287, 0.4194

Protanomaly

36.1237, 0.3566, 0.4094

Deuteranomaly

35.5684, 0.3635, 0.3915

Tritanomaly

35.8998, 0.3027, 0.3488

Monochromacy



Original Color

36.1461, 0.3287, 0.4194

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

33.7727, 0.3198, 0.3616

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.1461, 0.3287, 0.4194 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(138, 172, 115)` looks like.

```
.text, #text, p{  
    color:rgb(138, 172, 115)  
}
```

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(138, 172, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 172, 115) }
```

Border

The CSS property to change the border of an element to Yxy 36.1461, 0.3287, 0.4194 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(138, 172, 115) }
```

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

```
.border{ border-color:rgb(138, 172, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 172, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 172, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 172, 115);  
box-shadow:4px 4px 4px 4px rgb(138, 172,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 36.1461, 0.3287, 0.4194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 172, 115) }
```

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

```
.background{ background-color: rgb(138,  
172, 115) }
```

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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