

Converting Colors

Yxy(36.1544, 0.3046, 0.3485)

Have a look what the booklet for
Yxy(36.1544, 0.3046, 0.3485)
contains.

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Color

Yxy(36.0815, 0.3045, 0.3487)

Conversions

Conversions Part 1

Format	Color
Hex	92A79A
RGB	146, 167, 154
RGB Percent	57%, 65%, 60%
CMY	0.4274, 0.3451, 0.3960
CMYK	0.13, 0.00, 0.08, 0.35
HSL	143°, 11%, 61%
HSV	143°, 13%, 65%
XYZ	31.5079, 36.0815, 35.8849
YIQ	159.2390, -8.3430, -8.4950

Conversions

Conversions Part 2

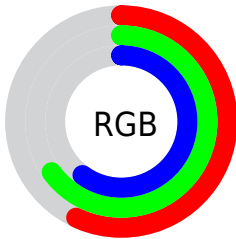
Format	Color
RYB	146, 161, 167
Decimal	9611162
CIELab	66.58, -9.91, 4.23
CIELCh	67, 10.781, 156.873
Yxy	36.0815, 0.3045, 0.3487
Android (android.graphics.Color)	4287801242 (0xFF92A79A)
YUV	159.2390, -2.5828, -11.6106
Hunter-Lab	60.0679, -11.4886, 6.6273

Details

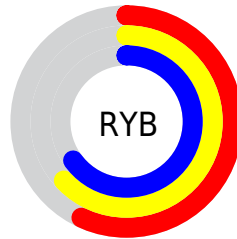
The Yxy color $36.0815, 0.3045, 0.3487$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $31.2787, 0.3219, 0.3101$, and the grayscale version is $34.8028, 0.3127, 0.3290$.

A 20% lighter version of the original color is $69.0760, 0.3064, 0.3451$, and $15.6736, 0.3014, 0.3552$ is the 20% darker color. If you saturate the color by 10%, you get $34.3331, 0.2981, 0.3665$, and if you desaturate by 10%, it is $38.0861, 0.3110, 0.3328$.

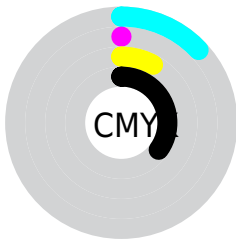
Distribution



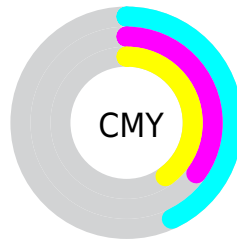
- Red (57%)
- Green (65%)
- Blue (60%)



- Red (57%)
- Yellow (63%)
- Blue (65%)



- Cyan (13%)
- Magenta (0%)
- Yellow (8%)
- Black (35%)



- Cyan (43%)
- Magenta (35%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.0815, 0.3045, 0.3487 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 36.0815, 0.3045, 0.3487 by changing the saturation by 10% instead.

36.0815, 0.3045,
0.3487

36.0815, 0.3045,
0.3487

329.3166, 0.3089,
0.3383

24.4971, 0.3033,
0.3515

69.1578, 0.3061,
0.3448

15.7028, 0.3018,
0.3552

91.4186, 0.3067,
0.3433

9.3141, 0.2996,
0.3604

118.0070, 0.3072,
0.3422

4.9466, 0.2963,
0.3682

149.3074, 0.3077,
0.3411

2.2160, 0.2908,
0.3811

185.7041, 0.3080,
0.3403

0.7287, 0.2687,
0.4346

227.5816, 0.3083,

0.0000, 0.0000,

0.3395

0.0000

275.3243, 0.3086,
0.3389

■ 36.0815, 0.3045,
0.3487

■ 36.0815, 0.3045,
0.3487

■ 34.3331, 0.2981,
0.3665

■ 38.0861, 0.3110,
0.3328

■ 32.8260, 0.2922,
0.3861

■ 40.3521, 0.3176,
0.3187

■ 31.5505, 0.2868,
0.4074

■ 42.8904, 0.3240,
0.3063

■ 30.4947, 0.2825,
0.4302

■ 45.7096, 0.3301,
0.2954

■ 29.6453, 0.2794,
0.4537

■ 48.8182, 0.3361,
0.2859

■ 28.9878, 0.2779,
0.4775

■ 52.2243, 0.3417,
0.2776

■ 28.5056, 0.2782,
0.5006

■ 54.4045, 0.3403,
0.2690

■ 28.1789, 0.2802,
0.5220

■ 54.9895, 0.3315,
0.2594

■ 28.0048, 0.2824,
0.5366

■ 55.6093, 0.3231,
0.2501

Harmonies

Analogous

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



36.0815, 0.3210, 0.3568



36.0815, 0.3045, 0.3487



36.0815, 0.2905, 0.3349

Triad

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



36.0815, 0.3045, 0.3487



36.0815, 0.2899, 0.3017



36.0815, 0.3440, 0.3369

Complementary

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



36.0815, 0.3045, 0.3487



31.2787, 0.3219, 0.3101

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.



36.0815, 0.3353, 0.3228



36.0815, 0.3045, 0.3487



36.0815, 0.3038, 0.3028

Square

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



36.0815, 0.3045, 0.3487



36.0815, 0.2822, 0.3077



36.0815, 0.3204, 0.3105



36.0815, 0.3441, 0.3494

Rectangle

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



36.0815, 0.3045, 0.3487



36.0815, 0.2843, 0.3247



36.0815, 0.3204, 0.3105



36.0815, 0.3420, 0.3322

Sweetspot

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



36.0830, 0.3045, 0.3487



67.6411, 0.3100, 0.3351



37.1149, 0.3237, 0.3600



15.0756, 0.3096, 0.3362



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.



36.0830, 0.3045, 0.3487



63.7318, 0.3028, 0.3533



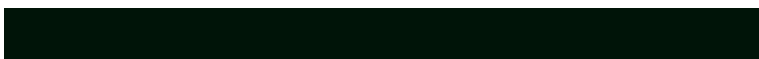
36.4368, 0.2962, 0.3331



8.4534, 0.3066, 0.3433



21.4385, 0.2819, 0.5349



0.5316, 0.2626, 0.4655

Inverse Universe

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



31.2787, 0.3219, 0.3101



53.4690, 0.3242, 0.3059



30.9398, 0.3321, 0.3249



7.6173, 0.3193, 0.3151



7.0495, 0.4439, 0.2219



0.1810, 0.3939, 0.1944

Previews

White Background



This preview shows how the Yxy color 36.0815, 0.3045, 0.3487 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 36.0815, 0.3045, 0.3487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

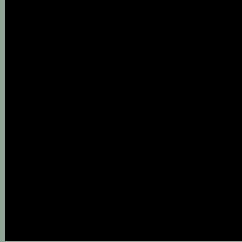
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

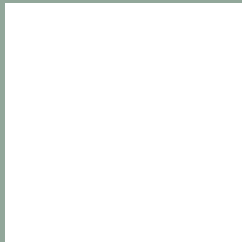
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 36.0815, 0.3045, 0.3487

Background



This preview shows how black text looks on a background with the Yxy color 36.0815, 0.3045, 0.3487.



This preview shows how white text looks on a background with the Yxy color 36.0815, 0.3045, 0.3487.

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

36.0815, 0.3045, 0.3487

Protanopia

35.9396, 0.3276, 0.3435

Deuteranopia

35.7609, 0.3357, 0.3291



Tritanopia

36.2093, 0.2893, 0.3100

Trichromacy



Original Color

36.0815, 0.3045, 0.3487

Protanomaly

35.8323, 0.3186, 0.3453

Deuteranomaly

35.7237, 0.3240, 0.3363

Tritanomaly

36.1644, 0.2949, 0.3230

Monochromacy



Original Color

36.0815, 0.3045, 0.3487

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

35.1450, 0.3095, 0.3365

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.0815, 0.3045, 0.3487 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(146, 167, 154)` looks like.

```
.text, #text, p{  
    color:rgb(146, 167, 154)  
}
```

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(146, 167, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 167, 154) }
```

Border

The CSS property to change the border of an element to Yxy 36.0815, 0.3045, 0.3487 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(146, 167, 154) }
```

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

```
.border{ border-color:rgb(146, 167, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 167, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 167, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 167, 154);  
box-shadow:4px 4px 4px 4px rgb(146, 167,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 36.0815, 0.3045, 0.3487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 167, 154) }
```

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

```
.background{ background-color: rgb(146,  
167, 154) }
```

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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