

Converting Colors

$Yxy(35.8824, 0.3034, 0.3473)$

Have a look what the booklet for
Yxy(35.8824, 0.3034, 0.3473)
contains.

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Color

Yxy(36.0237, 0.3028, 0.3472)

Conversions

Conversions Part 1

Format	Color
Hex	91A79B
RGB	145, 167, 155
RGB Percent	57%, 65%, 61%
CMY	0.4313, 0.3451, 0.3921
CMYK	0.13, 0.00, 0.07, 0.35
HSL	147°, 11%, 61%
HSV	147°, 13%, 65%
XYZ	31.4170, 36.0237, 36.3142
YIQ	159.0540, -9.2600, -8.3960

Conversions

Conversions Part 2

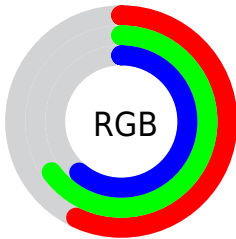
Format	Color
RYB	145, 160, 167
Decimal	9545627
CIELab	66.54, -10.06, 3.61
CIELCh	67, 10.685, 160.258
Yxy	36.0237, 0.3028, 0.3472
Android (android.graphics.Color)	4287735707 (0xFF91A79B)
YUV	159.0540, -1.9986, -12.3254
Hunter-Lab	60.0197, -11.5998, 6.1411

Details

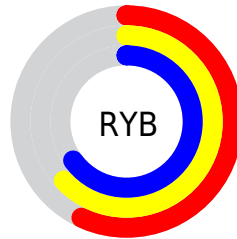
The Yxy color $36.0237, 0.3028, 0.3472$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $30.9098, 0.3240, 0.3115$, and the grayscale version is $34.7127, 0.3127, 0.3290$.

A 20% lighter version of the original color is $68.9881, 0.3050, 0.3439$, and $15.6406, 0.2990, 0.3530$ is the 20% darker color. If you saturate the color by 10%, you get $34.3230, 0.2955, 0.3629$, and if you desaturate by 10%, it is $37.9736, 0.3103, 0.3331$.

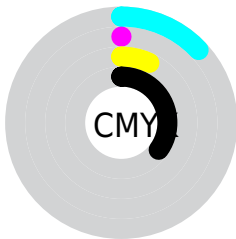
Distribution



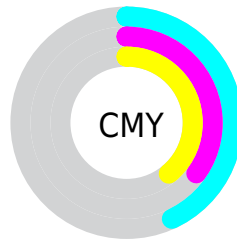
- Red (57%)
- Green (65%)
- Blue (61%)



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



- Cyan (13%)
- Magenta (0%)
- Yellow (7%)
- Black (35%)





- Cyan (43%)
- Magenta (35%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.0237, 0.3028, 0.3472 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 36.0237, 0.3028, 0.3472 by changing the saturation by 10% instead.

 36.0237, 0.3028,
0.3472


 36.0237, 0.3028,
0.3472


329.0641, 0.3080,
0.3376

 24.4525, 0.3014,
0.3498


 69.0686, 0.3048,
0.3436

 15.6696, 0.2995,
0.3532


 91.3112, 0.3055,
0.3423

 9.2907, 0.2969,
0.3580


117.8796, 0.3061,
0.3412

 4.9313, 0.2931,
0.3652

149.1583, 0.3066,
0.3402

 2.2070, 0.2867,
0.3770

185.5318, 0.3070,
0.3394

 0.7238, 0.2600,
0.4253

227.3843, 0.3074,

 0.0000, 0.0000,

0.3387

0.0000

275.1003, 0.3077,
0.3381

■ 36.0237, 0.3028,
0.3472

■ 36.0237, 0.3028,
0.3472

■ 34.3230, 0.2955,
0.3629

■ 37.9736, 0.3103,
0.3331

■ 32.8567, 0.2887,
0.3802

■ 40.1776, 0.3179,
0.3206

■ 31.6153, 0.2827,
0.3989

■ 42.6464, 0.3254,
0.3095

■ 30.5871, 0.2778,
0.4188

■ 45.3885, 0.3327,
0.2998

■ 29.7591, 0.2742,
0.4396

■ 48.4122, 0.3397,
0.2912

■ 29.1170, 0.2724,
0.4608

■ 51.7254, 0.3464,
0.2838

■ 28.6442, 0.2724,
0.4816

■ 53.9980, 0.3468,
0.2762

■ 28.3213, 0.2743,
0.5015

■ 54.4902, 0.3389,
0.2675

■ 28.1563, 0.2762,
0.5144

■ 55.0092, 0.3312,
0.2590

Harmonies

Analogous

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



36.0237, 0.3191, 0.3561



36.0237, 0.3028, 0.3472



36.0237, 0.2894, 0.3331

Triad

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



36.0237, 0.3028, 0.3472



36.0237, 0.2914, 0.3017



36.0237, 0.3442, 0.3384

Complementary

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



36.0237, 0.3028, 0.3472



30.9098, 0.3240, 0.3115

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.



36.0237, 0.3364, 0.3244



36.0237, 0.3028, 0.3472



36.0237, 0.3057, 0.3036

Square

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



36.0237, 0.3028, 0.3472



36.0237, 0.2829, 0.3069



36.0237, 0.3222, 0.3118



36.0237, 0.3433, 0.3504

Rectangle

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



36.0237, 0.3028, 0.3472



36.0237, 0.2838, 0.3230



36.0237, 0.3222, 0.3118



36.0237, 0.3426, 0.3338

Sweetspot

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



36.0252, 0.3028, 0.3472



67.6730, 0.3096, 0.3343



36.8602, 0.3224, 0.3617



15.0840, 0.3091, 0.3353



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.



36.0252, 0.3028, 0.3472



63.5202, 0.3005, 0.3520



36.4075, 0.2940, 0.3306



8.4623, 0.3057, 0.3416



21.5565, 0.2757, 0.5127



0.5349, 0.2575, 0.4471

Inverse Universe

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



30.9098, 0.3240, 0.3115



52.4143, 0.3271, 0.3071



30.5544, 0.3350, 0.3274



7.6082, 0.3204, 0.3168



6.8756, 0.4734, 0.2382



0.1774, 0.4108, 0.2037

Previews

White Background



This preview shows how the Yxy color 36.0237, 0.3028, 0.3472 looks on a white background.

Color Contrast Check

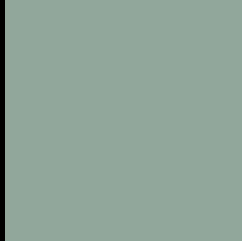
Large Text (above 18pt) WCAG AA × Fail

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 36.0237, 0.3028, 0.3472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

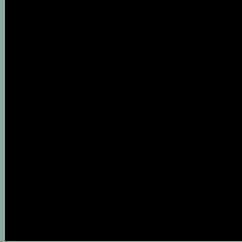
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

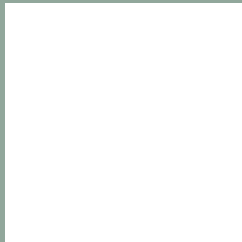
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 36.0237, 0.3028, 0.3472

Background



This preview shows how black text looks on a background with the Yxy color 36.0237, 0.3028, 0.3472.



This preview shows how white text looks on a background with the Yxy color 36.0237, 0.3028, 0.3472.

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

36.0237, 0.3028, 0.3472

Protanopia

35.9722, 0.3266, 0.3421

Deuteranopia

35.7950, 0.3347, 0.3277



Tritanopia

36.1148, 0.2884, 0.3100

Trichromacy



Original Color

36.0237, 0.3028, 0.3472

Protanomaly

35.8652, 0.3177, 0.3438

Deuteranomaly

35.7574, 0.3231, 0.3348

Tritanomaly

36.0707, 0.2940, 0.3230

Monochromacy



Original Color

36.0237, 0.3028, 0.3472

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

35.1793, 0.3087, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.0237, 0.3028, 0.3472 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(145, 167, 155)` looks like.

```
.text, #text, p{  
    color:rgb(145, 167, 155)  
}
```

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(145, 167, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 167, 155) }
```

Border

The CSS property to change the border of an element to Yxy 36.0237, 0.3028, 0.3472 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(145, 167, 155) }
```

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

```
.border{ border-color:rgb(145, 167, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 167, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 167, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 167, 155);  
box-shadow:4px 4px 4px 4px rgb(145, 167,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 36.0237, 0.3028, 0.3472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 167, 155) }
```

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

```
.background{ background-color: rgb(145,  
167, 155) }
```

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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