

Converting Colors

$Yxy(33.7628, 0.3064, 0.3591)$

Have a look what the booklet for
Yxy(33.7628, 0.3064, 0.3591)
contains.

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Color

Yxy(33.6970, 0.3067, 0.3591)

Conversions

Conversions Part 1

Format	Color
Hex	8BA390
RGB	139, 163, 144
RGB Percent	55%, 64%, 56%
CMY	0.4548, 0.3608, 0.4354
CMYK	0.15, 0.00, 0.12, 0.36
HSL	132°, 12%, 59%
HSV	132°, 15%, 64%
XYZ	28.7799, 33.6970, 31.3604
YIQ	153.6580, -8.2050, -10.9970

Conversions

Conversions Part 2

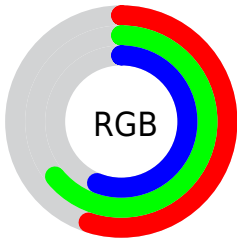
Format	Color
RYB	139, 159, 163
Decimal	9151376
CIELab	64.72, -12.18, 7.09
CIELCh	65, 14.099, 149.787
Yxy	33.6970, 0.3067, 0.3591
Android (android.graphics.Color)	4287341456 (0xFF8BA390)
YUV	153.6580, -4.7614, -12.8551
Hunter-Lab	58.0491, -13.0882, 8.6036

Details

The Yxy color **33.6970, 0.3067, 0.3591** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.7299, 0.3194, 0.3007**, and the grayscale version is **32.1828, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.5575, 0.3080, 0.3527**, and **14.3009, 0.3043, 0.3681** is the 20% darker color. If you saturate the color by 10%, you get **32.0248, 0.3026, 0.3827**, and if you desaturate by 10%, it is **35.6266, 0.3108, 0.3380**.

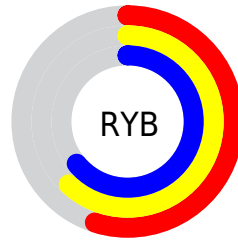
Distribution



Red (55%)

Green (64%)

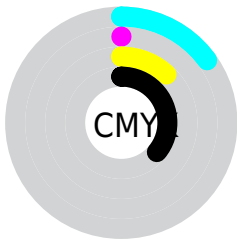
Blue (56%)



Red (55%)

Yellow (62%)

Blue (64%)

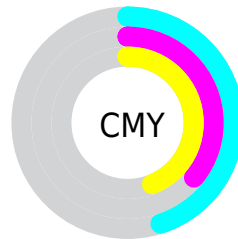


Cyan (15%)

Magenta (0%)

Yellow (12%)

Black (36%)



Cyan (45%)


Magenta (36%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.6970, 0.3067, 0.3591 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 33.6970, 0.3067, 0.3591 by changing the saturation by 10% instead.


 33.6970, 0.3067,
0.3591


 33.6970, 0.3067,
0.3591


318.7789, 0.3100,
0.3429


 22.6609, 0.3057,
0.3636


 65.4622, 0.3080,
0.3529

 14.3433, 0.3044,
0.3696


 86.9601, 0.3085,
0.3507

 8.3598, 0.3026,
0.3781


 112.7141, 0.3088,
0.3489

 4.3261, 0.2996,
0.3911

143.1085, 0.3091,
0.3473

 1.8576, 0.2942,
0.4134

178.5279, 0.3094,
0.3460

 0.5227, 0.2507,
0.6573

219.3564, 0.3096,

 0.0000, 0.0000,

0.3448

0.0000

265.9786, 0.3098,
0.3438

■ 33.6970, 0.3067,
0.3591

■ 33.6970, 0.3067,
0.3591

■ 32.0248, 0.3026,
0.3827

■ 35.6266, 0.3108,
0.3380

■ 30.5951, 0.2988,
0.4087

■ 37.8194, 0.3148,
0.3195

■ 29.3976, 0.2954,
0.4367

■ 40.2865, 0.3187,
0.3032

■ 28.4199, 0.2927,
0.4660

■ 43.0368, 0.3224,
0.2891

■ 27.6485, 0.2909,
0.4954

■ 46.0792, 0.3258,
0.2768

■ 27.0679, 0.2903,
0.5233

■ 49.4217, 0.3291,
0.2662

■ 26.6610, 0.2910,
0.5483

■ 53.0725, 0.3321,
0.2570

■ 26.4065, 0.2928,
0.5687

■ 54.1995, 0.3229,
0.2458

■ 26.3078, 0.2938,
0.5776

■ 54.6745, 0.3169,
0.2394

Harmonies

Analogous

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



33.6970, 0.3287, 0.3676



33.6970, 0.3067, 0.3591



33.6970, 0.2868, 0.3416

Triad

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



33.6970, 0.3067, 0.3591



33.6970, 0.2791, 0.2937



33.6970, 0.3530, 0.3348

Complementary

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



33.6970, 0.3067, 0.3591



28.7299, 0.3194, 0.3007

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.



33.6970, 0.3388, 0.3164



33.6970, 0.3067, 0.3591



33.6970, 0.2958, 0.2932

Square

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



33.6970, 0.3067, 0.3591



33.6970, 0.2712, 0.3036



33.6970, 0.3176, 0.3014



33.6970, 0.3559, 0.3525

Rectangle

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



33.6970, 0.3067, 0.3591



33.6970, 0.2773, 0.3278



33.6970, 0.3176, 0.3014



33.6970, 0.3493, 0.3285

Sweetspot

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



33.6984, 0.3067, 0.3591



64.0389, 0.3111, 0.3368



35.3493, 0.3295, 0.3651



14.3224, 0.3108, 0.3382



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



33.6984, 0.3067, 0.3591



59.2126, 0.3052, 0.3674



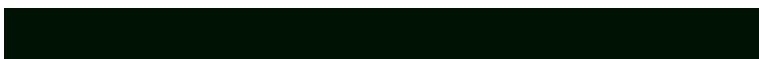
34.0795, 0.2968, 0.3401



7.9178, 0.3089, 0.3473



20.4515, 0.2934, 0.5763



0.4358, 0.2762, 0.5143

Inverse Universe

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



28.7299, 0.3194, 0.3007



48.3945, 0.3212, 0.2935



28.3415, 0.3317, 0.3181



7.1770, 0.3167, 0.3113



7.2980, 0.3798, 0.1866



0.1593, 0.3550, 0.1729

Previews

White Background



This preview shows how the Yxy color 33.6970, 0.3067, 0.3591 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 33.6970, 0.3067, 0.3591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

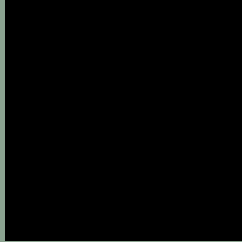
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.6970, 0.3067, 0.3591

Background



This preview shows how black text looks on a background with the Yxy color 33.6970, 0.3067, 0.3591.



This preview shows how white text looks on a background with the Yxy color 33.6970, 0.3067, 0.3591.

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

33.6970, 0.3067, 0.3591

Protanopia

33.4569, 0.3347, 0.3530

Deuteranopia

33.4386, 0.3435, 0.3362



Tritanopia

33.7041, 0.2878, 0.3094

Trichromacy



Original Color

33.6970, 0.3067, 0.3591

Protanomaly

33.5894, 0.3241, 0.3566

Deuteranomaly

33.2736, 0.3301, 0.3440

Tritanomaly

33.5010, 0.2942, 0.3259

Monochromacy



Original Color

33.6970, 0.3067, 0.3591

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

32.7055, 0.3112, 0.3398

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.6970, 0.3067, 0.3591 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(139, 163, 144)` looks like.

```
.text, #text, p{  
    color:rgb(139, 163, 144)  
}
```

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(139, 163, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 163, 144) }
```

Border

The CSS property to change the border of an element to Yxy 33.6970, 0.3067, 0.3591 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(139, 163, 144) }
```

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

```
.border{ border-color:rgb(139, 163, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 163, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 163, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 163, 144); box-shadow:4px 4px 4px 4px rgb(139, 163, 144) }
```


Background

The CSS property to change the background color of an element to Yxy 33.6970, 0.3067, 0.3591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 163, 144) }
```

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

```
.background{ background-color: rgb(139,  
163, 144) }
```

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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