

Converting Colors

$Yxy(33.9188, 0.3216, 0.3690)$

Have a look what the booklet for
Yxy(33.9188, 0.3216, 0.3690)
contains.

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Color

Yxy(33.9141, 0.3223, 0.3696)

Conversions

Conversions Part 1

Format	Color
Hex	94A288
RGB	148, 162, 136
RGB Percent	58%, 64%, 53%
CMY	0.4197, 0.3647, 0.4668
CMYK	0.09, 0.00, 0.16, 0.36
HSL	92°, 12%, 58%
HSV	92°, 16%, 64%
XYZ	29.5739, 33.9141, 28.2709
YIQ	154.8500, 0.0020, -11.0540

Conversions

Conversions Part 2

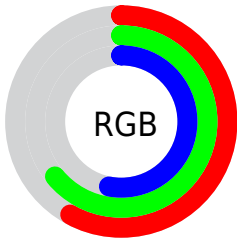
Format	Color
RYB	136, 162, 150
Decimal	9740936
CIELab	64.89, -9.87, 11.88
CIELCh	65, 15.446, 129.716
Yxy	33.9141, 0.3223, 0.3696
Android (android.graphics.Color)	4287931016 (0xFF94A288)
YUV	154.8500, -9.2930, -6.0074
Hunter-Lab	58.2358, -11.2650, 11.9824

Details

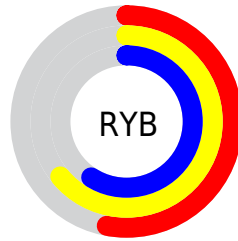
The Yxy color **33.9141, 0.3223, 0.3696** is a light color, and the websafe version is hex **999966**. A complement of this color would be **26.6947, 0.3017, 0.2887**, and the grayscale version is **32.7495, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.8564, 0.3206, 0.3619**, and **14.3651, 0.3251, 0.3832** is the 20% darker color. If you saturate the color by 10%, you get **32.7060, 0.3280, 0.3975**, and if you desaturate by 10%, it is **35.2561, 0.3163, 0.3437**.

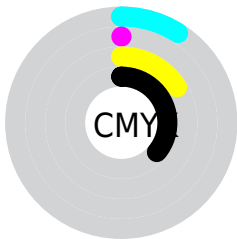
Distribution



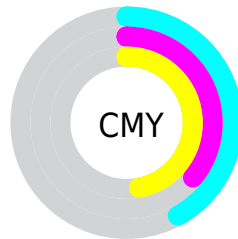
- Red (58%)
- Green (64%)
- Blue (53%)



- Red (53%)
- Yellow (64%)
- Blue (59%)



- Cyan (9%)
- Magenta (0%)
- Yellow (16%)
- Black (36%)



- Cyan (42%)
- Magenta (36%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.9141, 0.3223, 0.3696 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 33.9141, 0.3223, 0.3696 by changing the saturation by 10% instead.

■ 33.9141, 0.3223,
0.3696

■ 33.9141, 0.3223,
0.3696

■ 319.7489, 0.3175,
0.3478

■ 22.8276, 0.3235,
0.3756

■ 65.8001, 0.3205,
0.3613

■ 14.4663, 0.3250,
0.3836

■ 87.3683, 0.3199,
0.3583

■ 8.4457, 0.3270,
0.3950

■ 113.1993, 0.3193,
0.3558

■ 4.3814, 0.3297,
0.4123

■ 143.6774, 0.3189,
0.3537

■ 1.8891, 0.3331,
0.4415

■ 179.1870, 0.3184,
0.3519

■ 0.5418, 0.3359,
0.6641

■ 220.1125, 0.3181,

■ 0.0000, 0.0000,

0.3504

0.0000

266.8384, 0.3178,
0.3490

■ 33.9141, 0.3223,
0.3696

■ 33.9141, 0.3223,
0.3696

■ 32.7060, 0.3280,
0.3975

■ 35.2561, 0.3163,
0.3437

■ 31.6231, 0.3332,
0.4268

■ 36.7318, 0.3104,
0.3199

■ 30.6618, 0.3375,
0.4567

■ 38.3467, 0.3045,
0.2985

■ 29.8173, 0.3404,
0.4860

■ 40.1047, 0.2989,
0.2792

■ 29.0840, 0.3418,
0.5134


■ 42.0093, 0.2936,
0.2620

 28.4557, 0.3412,
0.5373

 44.0643, 0.2887,
0.2467


 27.9257, 0.3385,
0.5563

 46.2729, 0.2840,
0.2330

 27.4851, 0.3340,
0.5698

 47.9379, 0.2870,
0.2300

 27.3296, 0.3322,
0.5744

 49.3172, 0.2939,
0.2319

Harmonies

Analogous

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



33.9141, 0.3443, 0.3705



33.9141, 0.3223, 0.3696



33.9141, 0.2983, 0.3565

Triad

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



33.9141, 0.3223, 0.3696



33.9141, 0.2691, 0.2966



33.9141, 0.3475, 0.3216

Complementary

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



33.9141, 0.3223, 0.3696



26.6947, 0.3017, 0.2887

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.



33.9141, 0.3261, 0.3037



33.9141, 0.3223, 0.3696



33.9141, 0.2811, 0.2892

Square

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



33.9141, 0.3223, 0.3696



33.9141, 0.2682, 0.3132



33.9141, 0.3018, 0.2920



33.9141, 0.3594, 0.3419

Rectangle

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



33.9141, 0.3223, 0.3696



33.9141, 0.2845, 0.3429



33.9141, 0.3018, 0.2920



33.9141, 0.3411, 0.3152

Sweetspot

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



33.9156, 0.3223, 0.3696



64.2471, 0.3158, 0.3413



31.2276, 0.3390, 0.3502



14.3910, 0.3162, 0.3429



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.



33.9156, 0.3223, 0.3696



60.8150, 0.3242, 0.3786



32.8779, 0.3100, 0.3696



8.0476, 0.3183, 0.3517



21.5534, 0.3328, 0.5739



0.4809, 0.3627, 0.5502

Inverse Universe

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



26.6947, 0.3017, 0.2887



45.3769, 0.2991, 0.2799



27.8624, 0.3154, 0.2915



7.0390, 0.3067, 0.3063



3.6870, 0.2119, 0.0941



0.1052, 0.2515, 0.1159

Previews

White Background



This preview shows how the Yxy color 33.9141, 0.3223, 0.3696 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 33.9141, 0.3223, 0.3696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

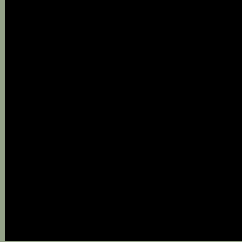
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.9141, 0.3223, 0.3696

Background



This preview shows how black text looks on a background with the Yxy color 33.9141, 0.3223, 0.3696.



This preview shows how white text looks on a background with the Yxy color 33.9141, 0.3223, 0.3696.

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

33.9141, 0.3223, 0.3696

Protanopia

33.8067, 0.3433, 0.3649

Deuteranopia

33.5519, 0.3548, 0.3476



Tritanopia

33.7885, 0.2975, 0.3098

Trichromacy



Original Color

33.9141, 0.3223, 0.3696

Protanomaly

33.8884, 0.3357, 0.3670

Deuteranomaly

33.5737, 0.3431, 0.3557

Tritanomaly

33.8442, 0.3060, 0.3305

Monochromacy



Original Color

33.9141, 0.3223, 0.3696

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

33.2672, 0.3159, 0.3443

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.9141, 0.3223, 0.3696 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(148, 162, 136)` looks like.

```
.text, #text, p{  
    color:rgb(148, 162, 136)  
}
```

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(148, 162, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 162, 136) }
```

Border

The CSS property to change the border of an element to Yxy 33.9141, 0.3223, 0.3696 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(148, 162, 136) }
```

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

```
.border{ border-color:rgb(148, 162, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 162, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 162, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 162, 136);  
box-shadow:4px 4px 4px 4px rgb(148, 162,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 33.9141, 0.3223, 0.3696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 162, 136) }
```

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

```
.background{ background-color: rgb(148,  
162, 136) }
```

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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