

Converting Colors

$Y_{xy}(33.6529, 0.2944, 0.2710)$

Have a look what the booklet for
Yxy(33.6529, 0.2944, 0.2710)
contains.

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Color

Yxy(33.6915, 0.2943, 0.2715)

Conversions

Conversions Part 1

Format	Color
Hex	A995BF
RGB	169, 149, 191
RGB Percent	66%, 58%, 75%
CMY	0.3371, 0.4157, 0.2509
CMYK	0.12, 0.22, 0.00, 0.25
HSL	269°, 25%, 67%
HSV	269°, 22%, 75%
XYZ	36.5208, 33.6915, 53.8816
YIQ	159.7680, -1.5620, 17.3020

Conversions

Conversions Part 2

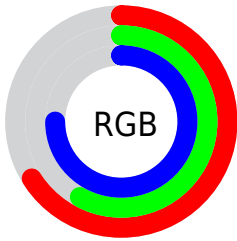
Format	Color
R_{YB}	169, 149, 191
Decimal	11113919
CIE _{Lab}	64.72, 15.58, -19.03
CIE _{LCh}	65, 24.593, 309.315
Yxy	33.6915, 0.2943, 0.2715
Android (android.graphics.Color)	4289303999 (0xFFA995BF)
YUV	159.7680, 15.3974, 8.0965
Hunter-Lab	58.0444, 10.7324, -14.4068

Details

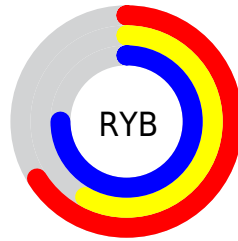
The Yxy color **33.6915, 0.2943, 0.2715** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **48.0970, 0.3281, 0.3863**, and the grayscale version is **34.9725, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.4348, 0.2988, 0.2825**, and **14.3234, 0.2890, 0.2552** is the 20% darker color. If you saturate the color by 10%, you get **27.0730, 0.2838, 0.2426**, and if you desaturate by 10%, it is **41.3886, 0.3034, 0.2989**.

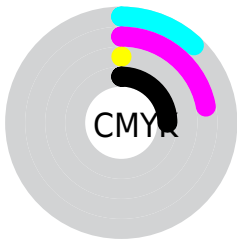
Distribution



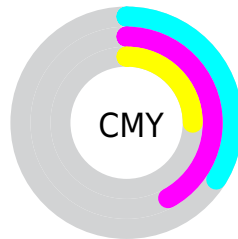
- Red (66%)
- Green (58%)
- Blue (75%)



- Red (66%)
- Yellow (58%)
- Blue (75%)



- Cyan (12%)
- Magenta (22%)
- Yellow (0%)
- Black (25%)





- Cyan (34%)
- Magenta (42%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.6915, 0.2943, 0.2715 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 33.6915, 0.2943, 0.2715 by changing the saturation by 10% instead.


 33.6915, 0.2943,
0.2715


 33.6915, 0.2943,
0.2715

318.7543, 0.3043,
0.3007

 22.6567, 0.2915,
0.2641


 65.4536, 0.2981,
0.2822

 14.3402, 0.2879,
0.2546


 86.9498, 0.2995,
0.2862

 8.3577, 0.2827,
0.2419

112.7018, 0.3006,
0.2895

 4.3247, 0.2749,
0.2241

143.0941, 0.3016,
0.2924

 1.8568, 0.2622,
0.1976

178.5111, 0.3024,
0.2949

 0.5222, 0.2415,
0.1438

219.3372, 0.3031,

 0.0000, 0.0000,

0.2970

0.0000

265.9568, 0.3038,
0.2990

■ 33.6915, 0.2943,
0.2715

■ 33.6915, 0.2943,
0.2715

■ 27.0730, 0.2838,
0.2426

■ 41.3886, 0.3034,
0.2989

■ 21.4787, 0.2721,
0.2128

■ 50.2070, 0.3113,
0.3242

■ 16.8557, 0.2593,
0.1832

■ 60.1919, 0.3180,
0.3473

■ 13.1447, 0.2458,
0.1552

■ 71.3850, 0.3236,
0.3682

■ 10.2795, 0.2321,
0.1303

■ 83.8257, 0.3282,
0.3869

8.1844, 0.2188,
0.1098

91.9392, 0.3334,
0.3956

6.7695, 0.2066,
0.0949

93.6306, 0.3400,
0.3942

5.9916, 0.1977,
0.0863

95.4182, 0.3467,
0.3928

96.5426, 0.3508,
0.3919

Harmonies

Analogous

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



33.6915, 0.2625, 0.2669



33.6915, 0.2943, 0.2715



33.6915, 0.3331, 0.2892

Triad

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



33.6915, 0.2943, 0.2715



33.6915, 0.3852, 0.3764



33.6915, 0.2594, 0.3390

Complementary

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



33.6915, 0.2943, 0.2715



48.0970, 0.3281, 0.3863

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.



33.6915, 0.2898, 0.3743



33.6915, 0.2943, 0.2715



33.6915, 0.3628, 0.3951

Square

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



33.6915, 0.2943, 0.2715



33.6915, 0.3875, 0.3475



33.6915, 0.3276, 0.3954



33.6915, 0.2433, 0.3030

Rectangle

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



33.6915, 0.2943, 0.2715



33.6915, 0.3576, 0.3065



33.6915, 0.3276, 0.3954



33.6915, 0.2682, 0.3515

Sweetspot

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



33.6929, 0.2943, 0.2715



81.5782, 0.3074, 0.3115



39.4312, 0.2784, 0.3013



17.7035, 0.3070, 0.3100



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



33.6929, 0.2943, 0.2715



54.8723, 0.2899, 0.2589



36.1527, 0.3139, 0.2748



9.4425, 0.3056, 0.3058



3.9839, 0.1991, 0.0870



0.1950, 0.2263, 0.1020

Inverse Universe

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



35.5103, 0.3344, 0.3000



58.7141, 0.3399, 0.2939



45.9626, 0.3110, 0.3894



9.6175, 0.3209, 0.3171



7.8992, 0.4838, 0.2439



0.3226, 0.4346, 0.2168

Previews

White Background



This preview shows how the Yxy color 33.6915, 0.2943, 0.2715 looks on a white background.

Color Contrast Check

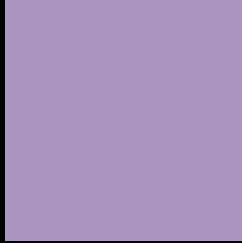
Large Text (above 18pt) WCAG AA × Fail

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 33.6915, 0.2943, 0.2715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

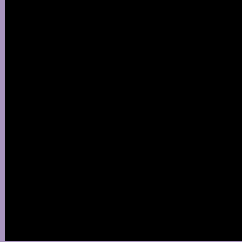
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.6915, 0.2943, 0.2715

Background



This preview shows how black text looks on a background with the Yxy color 33.6915, 0.2943, 0.2715.



This preview shows how white text looks on a background with the Yxy color 33.6915, 0.2943, 0.2715.

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

33.6915, 0.2943, 0.2715

Protanopia

33.6313, 0.2713, 0.2706

Deuteranopia

33.8968, 0.2835, 0.2781



Tritanopia

33.8637, 0.3125, 0.3117

Trichromacy



Original Color

33.6915, 0.2943, 0.2715

Protanomaly

33.6461, 0.2794, 0.2713

Deuteranomaly

33.7512, 0.2879, 0.2759

Tritanomaly

33.6586, 0.3055, 0.2964

Monochromacy



Original Color

33.6915, 0.2943, 0.2715

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.5037, 0.3060, 0.3075

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.6915, 0.2943, 0.2715 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(169, 149, 191)` looks like.

```
.text, #text, p{  
    color:rgb(169, 149, 191)  
}
```

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(169, 149, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 149, 191) }
```

Border

The CSS property to change the border of an element to Yxy 33.6915, 0.2943, 0.2715 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(169, 149, 191) }
```

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

```
.border{ border-color:rgb(169, 149, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 149, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 149, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 149, 191);  
box-shadow:4px 4px 4px 4px rgb(169, 149,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 33.6915, 0.2943, 0.2715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 149, 191) }
```

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

```
.background{ background-color: rgb(169,  
149, 191) }
```

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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