

Converting Colors

$Yxy(34.7901, 0.3106, 0.3022)$

Have a look what the booklet for
Yxy(34.7901, 0.3106, 0.3022)
contains.

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Color

Yxy(34.6744, 0.3110, 0.3023)

Conversions

Conversions Part 1

Format	Color
Hex	AA9AAD
RGB	170, 154, 173
RGB Percent	67%, 60%, 68%
CMY	0.3334, 0.3960, 0.3215
CMYK	0.02, 0.11, 0.00, 0.32
HSL	290°, 10%, 64%
HSV	290°, 11%, 68%
XYZ	35.6723, 34.6744, 44.3552
YIQ	160.9500, 3.4370, 9.3010

Conversions

Conversions Part 2

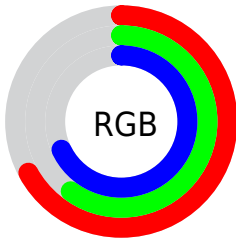
Format	Color
R_{YB}	170, 154, 173
Decimal	11180717
CIE _{Lab}	65.49, 9.39, -7.75
CIE _{LCh}	65, 12.180, 320.466
Yxy	34.6744, 0.3110, 0.3023
Android (android.graphics.Color)	4289370797 (0xFFAA9AAD)
YUV	160.9500, 5.9406, 7.9368
Hunter-Lab	58.8850, 5.0860, -3.4409

Details

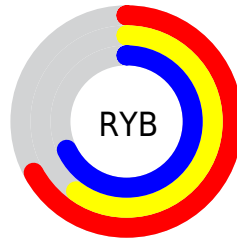
The Yxy color **34.6744, 0.3110, 0.3023** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.4005, 0.3141, 0.3567**, and the grayscale version is **35.5865, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.7207, 0.3115, 0.3074**, and **14.9325, 0.3102, 0.2937** is the 20% darker color. If you saturate the color by 10%, you get **29.0642, 0.3090, 0.2770**, and if you desaturate by 10%, it is **41.1173, 0.3126, 0.3267**.

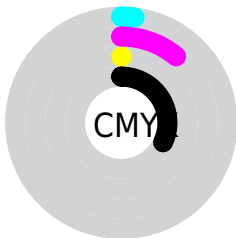
Distribution



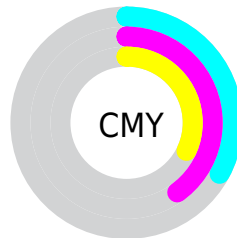
- Red (67%)
- Green (60%)
- Blue (68%)



- Red (67%)
- Yellow (60%)
- Blue (68%)



- Cyan (2%)
- Magenta (11%)
- Yellow (0%)
- Black (32%)



- Cyan (33%)
- Magenta (40%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.6744, 0.3110, 0.3023 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 34.6744, 0.3110, 0.3023 by changing the saturation by 10% instead.


 34.6744, 0.3110,
0.3023


 34.6744, 0.3110,
0.3023


323.1288, 0.3120,
0.3161

 23.4122, 0.3107,
0.2987


 66.9811, 0.3114,
0.3074

 14.8981, 0.3103,
0.2941


 88.7943, 0.3115,
0.3093

 8.7479, 0.3096,
0.2877


114.8933, 0.3117,
0.3109

 4.5771, 0.3086,
0.2785

145.6624, 0.3118,
0.3122

 2.0014, 0.3068,
0.2641

181.4862, 0.3118,
0.3134

 0.6083, 0.3058,
0.2304

222.7489, 0.3119,

 0.0000, 0.0000,

0.3144


0.0000

269.8350, 0.3120,
0.3153

 34.6744, 0.3110,
0.3023


 34.6744, 0.3110,
0.3023


 29.0642, 0.3090,
0.2770


 41.1173, 0.3126,
0.3267


 24.2471, 0.3066,
0.2513


 48.4214, 0.3138,
0.3497


 20.1871, 0.3038,
0.2260

 56.6194, 0.3147,
0.3711

 16.8433, 0.3005,
0.2020

 65.7409, 0.3154,
0.3908

 14.1714, 0.2969,
0.1804

 75.8141, 0.3158,
0.4087

■ 12.1218, 0.2929,
0.1622

■ 85.0524, 0.3164,
0.4224

■ 10.6381, 0.2888,
0.1479

■ 85.4044, 0.3181,
0.4219

■ 9.6535, 0.2846,
0.1381

■ 85.7632, 0.3198,
0.4214

■ 9.0645, 0.2809,
0.1321

■ 86.1289, 0.3215,
0.4209

Harmonies

Analogous

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



34.6744, 0.2931, 0.2975



34.6744, 0.3110, 0.3023



34.6744, 0.3298, 0.3137

Triad

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



34.6744, 0.3110, 0.3023



34.6744, 0.3454, 0.3572



34.6744, 0.2821, 0.3277

Complementary

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



34.6744, 0.3110, 0.3023



39.4005, 0.3141, 0.3567

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.



34.6744, 0.2954, 0.3450



34.6744, 0.3110, 0.3023



34.6744, 0.3319, 0.3622

Square

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



34.6744, 0.3110, 0.3023



34.6744, 0.3500, 0.3449



34.6744, 0.3135, 0.3578



34.6744, 0.2768, 0.3114

Rectangle

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



34.6744, 0.3110, 0.3023



34.6744, 0.3402, 0.3237



34.6744, 0.3135, 0.3578



34.6744, 0.2857, 0.3336

Sweetspot

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



34.6759, 0.3110, 0.3023



71.1134, 0.3123, 0.3217



34.0638, 0.2959, 0.3058



15.2496, 0.3122, 0.3198



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



34.6759, 0.3110, 0.3023



59.7090, 0.3106, 0.2967



34.7796, 0.3198, 0.3112



8.0822, 0.3113, 0.3065



6.6786, 0.2813, 0.1324



0.2029, 0.2941, 0.1394

Inverse Universe

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



34.4376, 0.3289, 0.3247



59.2093, 0.3327, 0.3238



39.3146, 0.3063, 0.3475



8.0355, 0.3262, 0.3254



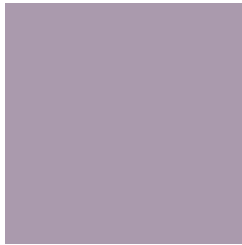
6.5932, 0.6141, 0.3157



0.1896, 0.5439, 0.2770

Previews

White Background



This preview shows how the Yxy color 34.6744, 0.3110, 0.3023 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 34.6744, 0.3110, 0.3023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

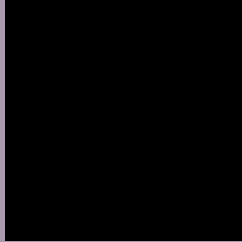
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.6744, 0.3110, 0.3023

Background



This preview shows how black text looks on a background with the Yxy color 34.6744, 0.3110, 0.3023.



This preview shows how white text looks on a background with the Yxy color 34.6744, 0.3110, 0.3023.

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

34.6744, 0.3110, 0.3023

Protanopia

34.7564, 0.2961, 0.3030

Deuteranopia

34.7847, 0.3091, 0.3036



Tritanopia

34.6677, 0.3155, 0.3120

Trichromacy



Original Color

34.6744, 0.3110, 0.3023

Protanomaly

34.8905, 0.3016, 0.3033

Deuteranomaly

34.8948, 0.3100, 0.3037

Tritanomaly

34.7423, 0.3136, 0.3092

Monochromacy



Original Color

34.6744, 0.3110, 0.3023

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.0628, 0.3122, 0.3189

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.6744, 0.3110, 0.3023 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(170, 154, 173)` looks like.

```
.text, #text, p{  
    color:rgb(170, 154, 173)  
}
```

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(170, 154, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 154, 173) }
```

Border

The CSS property to change the border of an element to Yxy 34.6744, 0.3110, 0.3023 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(170, 154, 173) }
```

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

```
.border{ border-color:rgb(170, 154, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 154, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 154, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 154, 173);  
box-shadow:4px 4px 4px 4px rgb(170, 154,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 34.6744, 0.3110, 0.3023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 154, 173) }
```

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

```
.background{ background-color: rgb(170,  
154, 173) }
```

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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