

Converting Colors

$Y_{xy}(29.1030, 0.3499, 0.3350)$

Have a look what the booklet for
Yxy(29.1030, 0.3499, 0.3350)
contains.

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Color

Yxy(29.0798, 0.3503, 0.3351)

Conversions

Conversions Part 1

Format	Color
Hex	AA8C88
RGB	170, 140, 136
RGB Percent	67%, 55%, 53%
CMY	0.3333, 0.4510, 0.4667
CMYK	0.00, 0.18, 0.20, 0.33
HSL	7°, 17%, 60%
HSV	7°, 20%, 67%
XYZ	30.3988, 29.0798, 27.3008
YIQ	148.5140, 19.1640, 5.1160

Conversions

Conversions Part 2

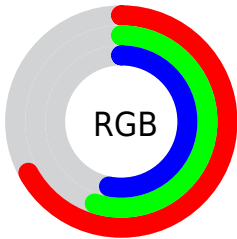
Format	Color
R_{YB}	170, 141, 136
Decimal	11177096
CIE _{Lab}	60.85, 10.68, 6.39
CIE _{LCh}	61, 12.441, 30.894
Yxy	29.0798, 0.3503, 0.3351
Android (android.graphics.Color)	4289367176 (0xFFAA8C88)
YUV	148.5140, -6.1694, 18.8432
Hunter-Lab	53.9257, 6.2536, 7.7314

Details

The Yxy color $29.0798, 0.3503, 0.3351$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $35.4036, 0.2830, 0.3228$, and the grayscale version is $29.8611, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.4264, 0.3429, 0.3348$, and $11.7661, 0.3637, 0.3377$ is the 20% darker color. If you saturate the color by 10%, you get $24.5478, 0.3755, 0.3384$, and if you desaturate by 10%, it is $34.2883, 0.3296, 0.3319$.

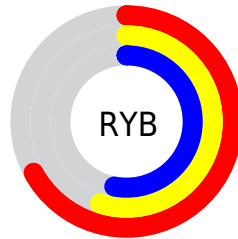
Distribution



Red (67%)

Green (55%)

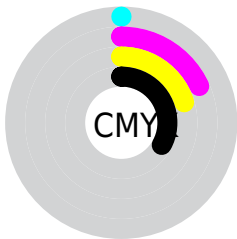
Blue (53%)



Red (67%)

Yellow (55%)

Blue (53%)

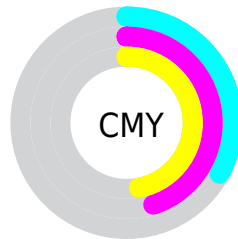


Cyan (0%)

Magenta (18%)

Yellow (20%)

Black (33%)



Cyan (33%)


Magenta (45%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.0798, 0.3503, 0.3351 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 29.0798, 0.3503, 0.3351 by changing the saturation by 10% instead.

 29.0798, 0.3503,
0.3351


 29.0798, 0.3503,
0.3351


297.5913, 0.3299,
0.3321


 19.1412, 0.3560,
0.3358


 58.2038, 0.3425,
0.3340

 11.7723, 0.3637,
0.3367


 78.1581, 0.3396,
0.3336

 6.5889, 0.3748,
0.3379


 102.2197, 0.3373,
0.3333

 3.2063, 0.3919,
0.3393

130.7729, 0.3354,
0.3330

 1.2404, 0.4223,
0.3409

164.2024, 0.3337,
0.3327

 0.0943, 0.7878,
0.2122

202.8923, 0.3323,

 0.0000, 0.0000,

0.3325

0.0000

247.2271, 0.3310,
0.3323

■ 29.0798, 0.3503,
0.3351

■ 29.0798, 0.3503,
0.3351

■ 24.5478, 0.3755,
0.3384

■ 34.2883, 0.3296,
0.3319

■ 20.6606, 0.4060,
0.3416

■ 40.1953, 0.3127,
0.3290

■ 17.3902, 0.4420,
0.3445

■ 46.8267, 0.2989,
0.3263

■ 14.7046, 0.4830,
0.3466

■ 54.2059, 0.2875,
0.3238

■ 12.5693, 0.5269,
0.3473

■ 62.3554, 0.2781,
0.3216

■ 10.9459, 0.5693,
0.3461

■ 71.2965, 0.2703,
0.3196

■ 9.7910, 0.6046,
0.3426

■ 81.0498, 0.2638,
0.3178

■ 9.0481, 0.6294,
0.3384

■ 87.2859, 0.2652,
0.3289

Harmonies

Analogous

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



29.0798, 0.3375, 0.3179



29.0798, 0.3503, 0.3351



29.0798, 0.3526, 0.3514

Triad

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



29.0798, 0.3503, 0.3351



29.0798, 0.3064, 0.3563



29.0798, 0.2819, 0.2961

Complementary

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



29.0798, 0.3503, 0.3351



35.4036, 0.2830, 0.3228

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.



29.0798, 0.2743, 0.3050



29.0798, 0.3503, 0.3351



29.0798, 0.2881, 0.3400

Square

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



29.0798, 0.3503, 0.3351



29.0798, 0.3269, 0.3646



29.0798, 0.2765, 0.3210



29.0798, 0.2978, 0.2958

Rectangle

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



29.0798, 0.3503, 0.3351



29.0798, 0.3479, 0.3596



29.0798, 0.2765, 0.3210



29.0798, 0.2783, 0.2981

Sweetspot

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



29.0811, 0.3503, 0.3351



66.2337, 0.3226, 0.3308



28.9069, 0.3190, 0.2858



14.6232, 0.3237, 0.3310



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.



29.0811, 0.3503, 0.3351



48.9718, 0.3609, 0.3366



34.4248, 0.3456, 0.3598



7.6796, 0.3283, 0.3317



6.7015, 0.6282, 0.3394



0.2052, 0.5863, 0.3727

Inverse Universe

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



35.4036, 0.2830, 0.3228



62.5485, 0.2768, 0.3213



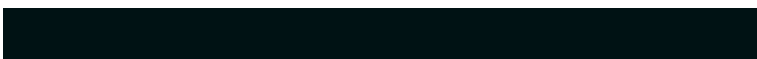
29.6401, 0.2814, 0.2962



8.3787, 0.2987, 0.3263



18.2208, 0.2145, 0.2921



0.4843, 0.2182, 0.3053

Previews

White Background



This preview shows how the Yxy color 29.0798, 0.3503, 0.3351 looks on a white background.

Color Contrast Check

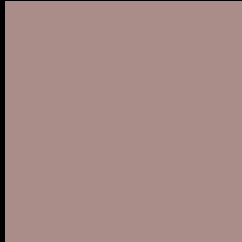
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0798, 0.3503, 0.3351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

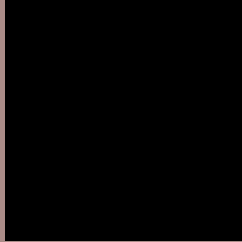
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.0798, 0.3503, 0.3351

Background



This preview shows how black text looks on a background with the Yxy color 29.0798, 0.3503, 0.3351.



This preview shows how white text looks on a background with the Yxy color 29.0798, 0.3503, 0.3351.

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

29.0798, 0.3503, 0.3351

Protanopia

29.0012, 0.3249, 0.3401

Deuteranopia

29.1229, 0.3441, 0.3382



Tritanopia

29.1175, 0.3389, 0.3130

Trichromacy



Original Color

29.0798, 0.3503, 0.3351

Protanomaly

29.0506, 0.3338, 0.3384

Deuteranomaly

29.0428, 0.3466, 0.3366

Tritanomaly

29.1368, 0.3430, 0.3217

Monochromacy



Original Color

29.0798, 0.3503, 0.3351

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.7395, 0.3263, 0.3321

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0798, 0.3503, 0.3351 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, 140, 136)` looks like.

```
.text, #text, p{  
    color:rgb(170, 140, 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(170, 140, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 140, 136) }
```

Border

The CSS property to change the border of an element to Yxy 29.0798, 0.3503, 0.3351 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, 140, 136) }
```

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

```
.border{ border-color:rgb(170, 140, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 140, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 140, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 140, 136);  
box-shadow:4px 4px 4px 4px rgb(170, 140,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0798, 0.3503, 0.3351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 140, 136) }
```

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

```
.background{ background-color: rgb(170,  
140, 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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