

Converting Colors

$Y_{xy}(29.3720, 0.3257, 0.3055)$

Have a look what the booklet for
Yxy(29.3720, 0.3257, 0.3055)
contains.

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Color

Yxy(29.3720, 0.3257, 0.3055)

Conversions

Conversions Part 1

Format	Color
Hex	A78C9C
RGB	167, 140, 156
RGB Percent	65%, 55%, 61%
CMY	0.3451, 0.4510, 0.3884
CMYK	0.00, 0.16, 0.07, 0.35
HSL	325°, 13%, 60%
HSV	325°, 16%, 65%
XYZ	31.3141, 29.3720, 35.4579
YIQ	149.8970, 10.9560, 10.7000

Conversions

Conversions Part 2

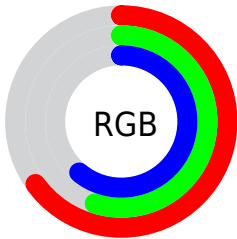
Format	Color
R_{YB}	167, 140, 156
Decimal	10980508
CIE _{Lab}	61.11, 12.97, -4.65
CIE _{LCh}	61, 13.777, 340.262
Yxy	29.3720, 0.3257, 0.3055
Android (android.graphics.Color)	4289170588 (0xFFA78C9C)
YUV	149.8970, 3.0088, 14.9993
Hunter-Lab	54.1959, 8.2934, -0.8536

Details

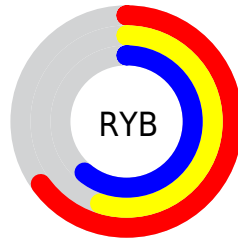
The Yxy color **29.3720, 0.3257, 0.3055** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.4517, 0.3016, 0.3537**, and the grayscale version is **30.4372, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.7663, 0.3232, 0.3111**, and **11.9771, 0.3300, 0.2977** is the 20% darker color. If you saturate the color by 10%, you get **24.6324, 0.3357, 0.2902**, and if you desaturate by 10%, it is **34.8679, 0.3172, 0.3203**.

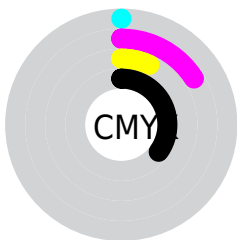
Distribution



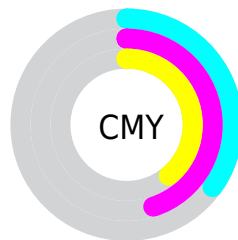
- Red (65%)
- Green (55%)
- Blue (61%)



- Red (65%)
- Yellow (55%)
- Blue (61%)



- Cyan (0%)
- Magenta (16%)
- Yellow (7%)
- Black (35%)





- Cyan (35%)
- Magenta (45%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.3720, 0.3257, 0.3055 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 29.3720, 0.3257, 0.3055 by changing the saturation by 10% instead.


 29.3720, 0.3257,
0.3055


 29.3720, 0.3257,
0.3055


298.9661, 0.3188,
0.3179


 19.3624, 0.3276,
0.3021


 58.6676, 0.3231,
0.3102

 11.9324, 0.3300,
0.2977


 78.7224, 0.3222,
0.3119

 6.6977, 0.3335,
0.2914


 102.8944, 0.3214,
0.3133

 3.2738, 0.3388,
0.2821

131.5680, 0.3207,
0.3145

 1.2763, 0.3475,
0.2666

165.1276, 0.3201,
0.3156

 0.1227, 0.4269,
0.1209

203.9575, 0.3196,

 0.0000, 0.0000,

0.3165

0.0000

248.4422, 0.3192,
0.3173

■ 29.3720, 0.3257,
0.3055

■ 29.3720, 0.3257,
0.3055

■ 24.6324, 0.3357,
0.2902

■ 34.8679, 0.3172,
0.3203

■ 20.6118, 0.3475,
0.2748

■ 41.1477, 0.3101,
0.3343

■ 17.2754, 0.3611,
0.2600

■ 48.2421, 0.3042,
0.3473

■ 14.5841, 0.3766,
0.2466

■ 56.1794, 0.2993,
0.3595

■ 12.4947, 0.3936,
0.2355

■ 64.9861, 0.2952,
0.3706

■ 10.9586, 0.4118,
0.2281

■ 74.6878, 0.2918,
0.3809

■ 9.9198, 0.4306,
0.2253

■ 84.0841, 0.2889,
0.3883

■ 9.3019, 0.4492,
0.2274

■ 84.4184, 0.2854,
0.3800

■ 9.1122, 0.4564,
0.2288

■ 84.7672, 0.2820,
0.3719

Harmonies

Analogous

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



29.3720, 0.3029, 0.2944



29.3720, 0.3257, 0.3055



29.3720, 0.3455, 0.3225

Triad

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



29.3720, 0.3257, 0.3055



29.3720, 0.3420, 0.3679



29.3720, 0.2709, 0.3139

Complementary

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



29.3720, 0.3257, 0.3055



35.4517, 0.3016, 0.3537

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.



29.3720, 0.2806, 0.3345



29.3720, 0.3257, 0.3055



29.3720, 0.3213, 0.3668

Square

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



29.3720, 0.3257, 0.3055



29.3720, 0.3550, 0.3583



29.3720, 0.2989, 0.3544



29.3720, 0.2719, 0.2984

Rectangle

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



29.3720, 0.3257, 0.3055



29.3720, 0.3541, 0.3352



29.3720, 0.2989, 0.3544



29.3720, 0.2730, 0.3205

Sweetspot

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



29.3733, 0.3257, 0.3055



63.5836, 0.3164, 0.3218



28.1088, 0.2978, 0.2879



14.0679, 0.3169, 0.3208



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



29.3733, 0.3257, 0.3055



49.7610, 0.3287, 0.3007



28.9482, 0.3397, 0.3250



7.6139, 0.3197, 0.3157



6.9820, 0.4547, 0.2279



0.1796, 0.4001, 0.1978

Inverse Universe

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



29.3733, 0.3257, 0.3055



49.7610, 0.3287, 0.3007



35.9074, 0.2909, 0.3330



7.6139, 0.3197, 0.3157



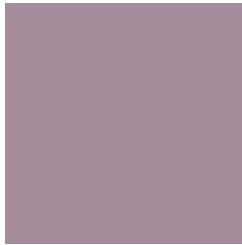
6.9820, 0.4547, 0.2279



0.1796, 0.4001, 0.1978

Previews

White Background



This preview shows how the Yxy color 29.3720, 0.3257, 0.3055 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 29.3720, 0.3257, 0.3055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

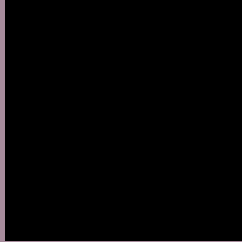
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.3720, 0.3257, 0.3055

Background



This preview shows how black text looks on a background with the Yxy color 29.3720, 0.3257, 0.3055.



This preview shows how white text looks on a background with the Yxy color 29.3720, 0.3257, 0.3055.

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

29.3720, 0.3257, 0.3055

Protanopia

29.6085, 0.3005, 0.3088

Deuteranopia

29.2806, 0.3167, 0.3108



Tritanopia

29.4237, 0.3286, 0.3127

Trichromacy



Original Color

29.3720, 0.3257, 0.3055

Protanomaly

29.3197, 0.3086, 0.3061

Deuteranomaly

29.2896, 0.3200, 0.3095

Tritanomaly

29.4567, 0.3275, 0.3112

Monochromacy



Original Color

29.3720, 0.3257, 0.3055

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

29.8927, 0.3173, 0.3198

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.3720, 0.3257, 0.3055 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(167, 140, 156)` looks like.

```
.text, #text, p{  
    color:rgb(167, 140, 156)  
}
```

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(167, 140, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 140, 156) }
```

Border

The CSS property to change the border of an element to Yxy 29.3720, 0.3257, 0.3055 is called "border". The border property can be set on classes, ids or directly on the HTML element.

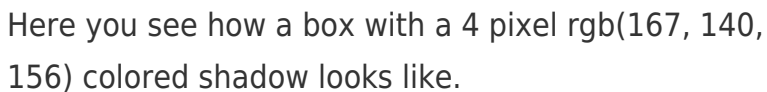
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 140, 156) }
```

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

```
.border{ border-color:rgb(167, 140, 156) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 140, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 140, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 140, 156);  
box-shadow:4px 4px 4px 4px rgb(167, 140,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 29.3720, 0.3257, 0.3055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 140, 156) }
```

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

```
.background{ background-color: rgb(167,  
140, 156) }
```

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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