

Converting Colors

$Y_{xy}(25.8336, 0.3456, 0.3052)$

Have a look what the booklet for
Yxy(25.8336, 0.3456, 0.3052)
contains.

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Color

Yxy(25.7080, 0.3457, 0.3052)

Conversions

Conversions Part 1

Format	Color
Hex	AA7F8F
RGB	170, 127, 143
RGB Percent	67%, 50%, 56%
CMY	0.3334, 0.5019, 0.4393
CMYK	0.00, 0.25, 0.16, 0.33
HSL	338°, 20%, 58%
HSV	338°, 25%, 67%
XYZ	29.1194, 25.7080, 29.4058
YIQ	141.6810, 20.4920, 14.0920

Conversions

Conversions Part 2

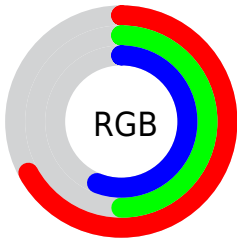
Format	Color
R _Y B	170, 127, 143
Decimal	11173775
CIE Lab	57.76, 19.14, -2.11
CIE LCh	58, 19.258, 353.720
Yxy	25.7080, 0.3457, 0.3052
Android (android.graphics.Color)	4289363855 (0xFFAA7F8F)
YUV	141.6810, 0.6503, 24.8358
Hunter-Lab	50.7031, 13.7846, 1.1062

Details

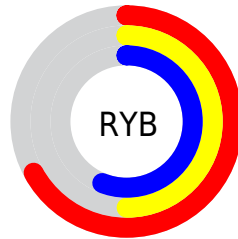
The Yxy color $25.7080, 0.3457, 0.3052$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $35.5868, 0.2882, 0.3542$, and the grayscale version is $26.9089, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.8425, 0.3386, 0.3098$, and $9.8800, 0.3574, 0.2951$ is the 20% darker color. If you saturate the color by 10%, you get $21.3736, 0.3638, 0.2953$, and if you desaturate by 10%, it is $30.8162, 0.3307, 0.3150$.

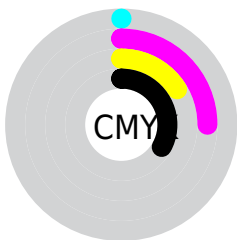
Distribution



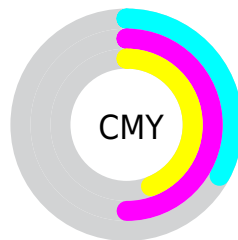
- Red (67%)
- Green (50%)
- Blue (56%)



- Red (67%)
- Yellow (50%)
- Blue (56%)



- Cyan (0%)
- Magenta (25%)
- Yellow (16%)
- Black (33%)





- Cyan (33%)
- Magenta (50%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.7080, 0.3457, 0.3052 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 25.7080, 0.3457, 0.3052 by changing the saturation by 10% instead.


 25.7080, 0.3457,
0.3052


 25.7080, 0.3457,
0.3052


281.3457, 0.3277,
0.3181


 16.6053, 0.3508,
0.3016


 52.8035, 0.3387,
0.3102

 9.9535, 0.3578,
0.2967


 71.5651, 0.3362,
0.3120

 5.3681, 0.3679,
0.2896

 94.3152, 0.3342,
0.3134

 2.4648, 0.3838,
0.2787

121.4380, 0.3325,
0.3147

 0.8590, 0.4123,
0.2594

153.3181, 0.3310,
0.3157

 0.0000, 1.0000,
0.0000

190.3399, 0.3297,

 0.0000, 0.0000,

0.3166

0.0000

232.8876, 0.3286,
0.3174

■ 25.7080, 0.3457,
0.3052

■ 25.7080, 0.3457,
0.3052

■ 21.3736, 0.3638,
0.2953

■ 30.8162, 0.3307,
0.3150

■ 17.7716, 0.3855,
0.2857

■ 36.7302, 0.3183,
0.3243

■ 14.8619, 0.4108,
0.2772

■ 43.4842, 0.3082,
0.3331

■ 12.5991, 0.4396,
0.2708

■ 51.1096, 0.2998,
0.3411

■ 10.9323, 0.4709,
0.2677

■ 59.6359, 0.2930,
0.3486

■ 9.8028, 0.5030,
0.2691

■ 69.0916, 0.2873,
0.3554

■ 9.1376, 0.5337,
0.2754

■ 79.5037, 0.2827,
0.3616

■ 8.9039, 0.5477,
0.2791

■ 85.6886, 0.2780,
0.3588

■ 86.3018, 0.2727,
0.3465

Harmonies

Analogous

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



25.7080, 0.3129, 0.2853



25.7080, 0.3457, 0.3052



25.7080, 0.3701, 0.3312

Triad

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



25.7080, 0.3457, 0.3052



25.7080, 0.3423, 0.3878



25.7080, 0.2513, 0.2950

Complementary

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



25.7080, 0.3457, 0.3052



35.5868, 0.2882, 0.3542

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.



25.7080, 0.2583, 0.3225



25.7080, 0.3457, 0.3052



25.7080, 0.3099, 0.3789

Square

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



25.7080, 0.3457, 0.3052



25.7080, 0.3677, 0.3792



25.7080, 0.2793, 0.3540



25.7080, 0.2595, 0.2786

Rectangle

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



25.7080, 0.3457, 0.3052



25.7080, 0.3776, 0.3494



25.7080, 0.2793, 0.3540



25.7080, 0.2519, 0.3031

Sweetspot

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



25.7092, 0.3457, 0.3052



63.4281, 0.3216, 0.3217



24.9065, 0.2977, 0.2640



13.7844, 0.3234, 0.3203



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.



25.7092, 0.3457, 0.3052



42.3433, 0.3548, 0.3000



26.5865, 0.3630, 0.3367



7.5867, 0.3230, 0.3206



6.5620, 0.5449, 0.2776



0.1696, 0.4568, 0.2290

Inverse Universe

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



25.7092, 0.3457, 0.3052



42.3433, 0.3548, 0.3000



34.3116, 0.2757, 0.3211



7.5867, 0.3230, 0.3206



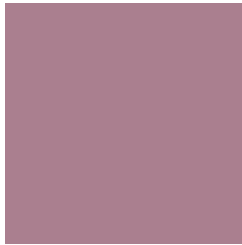
6.5620, 0.5449, 0.2776



0.1696, 0.4568, 0.2290

Previews

White Background



This preview shows how the Yxy color 25.7080, 0.3457, 0.3052 looks on a white background.

Color Contrast Check

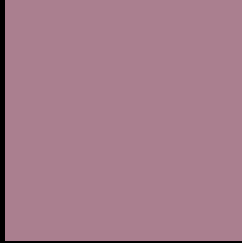
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7080, 0.3457, 0.3052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

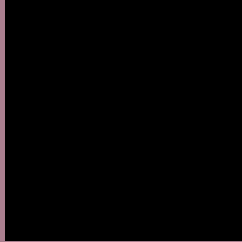
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.7080, 0.3457, 0.3052

Background



This preview shows how black text looks on a background with the Yxy color 25.7080, 0.3457, 0.3052.



This preview shows how white text looks on a background with the Yxy color 25.7080, 0.3457, 0.3052.

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

25.7080, 0.3457, 0.3052

Protanopia

25.7822, 0.3008, 0.3093

Deuteranopia

25.8602, 0.3233, 0.3178



Tritanopia

25.7083, 0.3502, 0.3140

Trichromacy



Original Color

25.7080, 0.3457, 0.3052

Protanomaly

25.6408, 0.3170, 0.3083

Deuteranomaly

25.7246, 0.3318, 0.3134

Tritanomaly

25.7668, 0.3478, 0.3110

Monochromacy



Original Color

25.7080, 0.3457, 0.3052

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.5197, 0.3242, 0.3211

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7080, 0.3457, 0.3052 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, 127, 143)` looks like.

```
.text, #text, p{  
    color:rgb(170, 127, 143)  
}
```

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, 127, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 127, 143) }
```

Border

The CSS property to change the border of an element to Yxy 25.7080, 0.3457, 0.3052 is called "border". The border property can be set on classes, ids or directly on the HTML element.

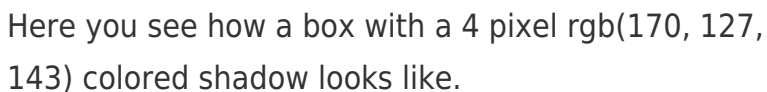
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(170, 127, 143) }
```

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

```
.border{ border-color:rgb(170, 127, 143) }
```

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



Here you see how a box with a 4 pixel `rgb(170, 127, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 127, 143); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 127, 143); box-shadow:4px 4px 4px 4px rgb(170, 127, 143) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7080, 0.3457, 0.3052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 127, 143) }
```

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

```
.background{ background-color: rgb(170,  
127, 143) }
```

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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