

Converting Colors

$Y_{xy}(27.0760, 0.3263, 0.2850)$

Have a look what the booklet for
Yxy(27.0760, 0.3263, 0.2850)
contains.

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Color

Yxy(27.0494, 0.3260, 0.2853)

Conversions

Conversions Part 1

Format	Color
Hex	AA82A0
RGB	170, 130, 160
RGB Percent	67%, 51%, 63%
CMY	0.3333, 0.4902, 0.3725
CMYK	0.00, 0.24, 0.06, 0.33
HSL	315°, 19%, 59%
HSV	315°, 24%, 67%
XYZ	30.9082, 27.0494, 36.8528
YIQ	145.3800, 14.2100, 17.8100

Conversions

Conversions Part 2

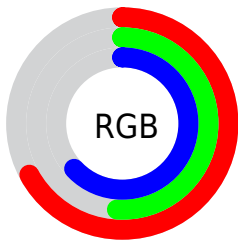
Format	Color
RYB	170, 130, 160
Decimal	11174560
CIELab	59.02, 20.47, -10.04
CIELCh	59, 22.799, 333.886
Yxy	27.0494, 0.3260, 0.2853
Android (android.graphics.Color)	4289364640 (0xFFAA82A0)
YUV	145.3800, 7.2077, 21.5917
Hunter-Lab	52.0090, 15.0640, -5.6056

Details

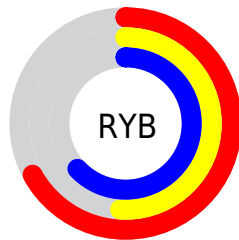
The Yxy color **27.0494, 0.3260, 0.2853** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **35.3945, 0.3017, 0.3771**, and the grayscale version is **28.4449, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.9420, 0.3235, 0.2935**, and **10.6234, 0.3289, 0.2695** is the 20% darker color. If you saturate the color by 10%, you get **22.7491, 0.3331, 0.2662**, and if you desaturate by 10%, it is **32.1045, 0.3198, 0.3043**.

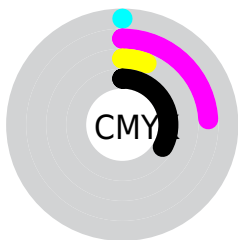
Distribution



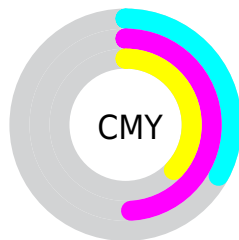
- Red (67%)
- Green (51%)
- Blue (63%)



- Red (67%)
- Yellow (51%)
- Blue (63%)



- Cyan (0%)
- Magenta (24%)
- Yellow (6%)
- Black (33%)





- Cyan (33%)
- Magenta (49%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.0494, 0.3260, 0.2853 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 27.0494, 0.3260, 0.2853 by changing the saturation by 10% instead.


 27.0494, 0.3260,
0.2853


 27.0494, 0.3260,
0.2853


287.8962, 0.3191,
0.3083


 17.6103, 0.3278,
0.2791

 54.9631, 0.3234,
0.2940

 10.6706, 0.3301,
0.2710


 74.2066, 0.3225,
0.2971

 5.8458, 0.3333,
0.2596


 97.4869, 0.3217,
0.2998

 2.7515, 0.3379,
0.2428

125.1886, 0.3210,
0.3020

 1.0034, 0.3450,
0.2155

157.6960, 0.3205,
0.3039

 0.0000, 0.4047,
0.0000

195.3934, 0.3200,

 0.0000, 0.0000,

0.3056

0.0000

238.6654, 0.3195,
0.3071

■ 27.0494, 0.3260,
0.2853

■ 27.0494, 0.3260,
0.2853

■ 22.7491, 0.3331,
0.2662

■ 32.1045, 0.3198,
0.3043

■ 19.1632, 0.3412,
0.2477

■ 37.9450, 0.3144,
0.3227

■ 16.2532, 0.3500,
0.2307

■ 44.6042, 0.3098,
0.3402

■ 13.9752, 0.3596,
0.2160

■ 52.1124, 0.3060,
0.3566

■ 12.2805, 0.3695,
0.2048

■ 60.4983, 0.3027,
0.3719

■ 11.1128, 0.3796,
0.1977

■ 69.7893, 0.3000,
0.3859

■ 10.4051, 0.3894,
0.1953

■ 80.0117, 0.2977,
0.3988

■ 10.0931, 0.3958,
0.1954

■ 83.9638, 0.2956,
0.3998

■ 84.1577, 0.2934,
0.3946

Harmonies

Analogous

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



27.0494, 0.2878, 0.2697



27.0494, 0.3260, 0.2853



27.0494, 0.3624, 0.3110

Triad

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



27.0494, 0.3260, 0.2853



27.0494, 0.3679, 0.3927



27.0494, 0.2451, 0.3091

Complementary

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



27.0494, 0.3260, 0.2853



35.3945, 0.3017, 0.3771

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.



27.0494, 0.2641, 0.3458



27.0494, 0.3260, 0.2853



27.0494, 0.3344, 0.3968

Square

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



27.0494, 0.3260, 0.2853



27.0494, 0.3871, 0.3716



27.0494, 0.2964, 0.3794



27.0494, 0.2431, 0.2812

Rectangle

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



27.0494, 0.3260, 0.2853



27.0494, 0.3798, 0.3313



27.0494, 0.2964, 0.3794



27.0494, 0.2497, 0.3208

Sweetspot

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



27.0506, 0.3260, 0.2853



64.8632, 0.3162, 0.3162



24.4430, 0.2836, 0.2660



14.3278, 0.3165, 0.3151



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.



27.0506, 0.3260, 0.2853



45.0263, 0.3294, 0.2758



26.4058, 0.3485, 0.3141



7.6341, 0.3174, 0.3122



7.4323, 0.3948, 0.1948



0.1883, 0.3658, 0.1789

Inverse Universe

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



27.0506, 0.3260, 0.2853



45.0263, 0.3294, 0.2758



36.0393, 0.2861, 0.3445



7.6341, 0.3174, 0.3122



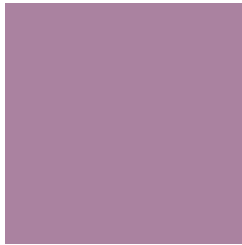
7.4323, 0.3948, 0.1948



0.1883, 0.3658, 0.1789

Previews

White Background



This preview shows how the Yxy color 27.0494, 0.3260, 0.2853 looks on a white background.

Color Contrast Check

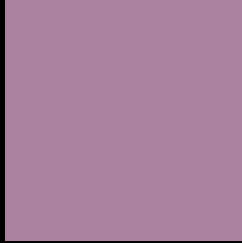
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0494, 0.3260, 0.2853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

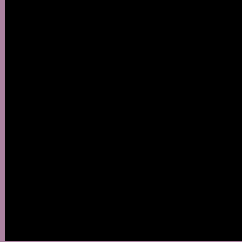
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.0494, 0.3260, 0.2853

Background



This preview shows how black text looks on a background with the Yxy color 27.0494, 0.3260, 0.2853.



This preview shows how white text looks on a background with the Yxy color 27.0494, 0.3260, 0.2853.

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

27.0494, 0.3260, 0.2853

Protanopia

27.1581, 0.2842, 0.2878

Deuteranopia

27.0351, 0.3046, 0.2978



Tritanopia

27.0831, 0.3420, 0.3141

Trichromacy



Original Color

27.0494, 0.3260, 0.2853

Protanomaly

26.9612, 0.2988, 0.2873

Deuteranomaly

26.9992, 0.3123, 0.2925

Tritanomaly

27.1075, 0.3366, 0.3038

Monochromacy



Original Color

27.0494, 0.3260, 0.2853

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.8282, 0.3178, 0.3135

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.0494, 0.3260, 0.2853 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, 130, 160)` looks like.

```
.text, #text, p{  
    color:rgb(170, 130, 160)  
}
```

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, 130, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 130, 160) }
```

Border

The CSS property to change the border of an element to Yxy 27.0494, 0.3260, 0.2853 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, 130, 160) }
```

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

```
.border{ border-color:rgb(170, 130, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 130, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 130, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 130, 160);  
box-shadow:4px 4px 4px 4px rgb(170, 130,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 27.0494, 0.3260, 0.2853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 130, 160) }
```

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

```
.background{ background-color: rgb(170,  
130, 160) }
```

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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