

Converting Colors

$Y_{xy}(27.2604, 0.3515, 0.3131)$

Have a look what the booklet for
Yxy(27.2604, 0.3515, 0.3131)
contains.

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Color

Yxy(27.2996, 0.3517, 0.3130)

Conversions

Conversions Part 1

Format	Color
Hex	AF838E
RGB	175, 131, 142
RGB Percent	69%, 51%, 56%
CMY	0.3138, 0.4862, 0.4431
CMYK	0.00, 0.25, 0.19, 0.31
HSL	345°, 22%, 60%
HSV	345°, 25%, 69%
XYZ	30.6750, 27.2996, 29.2446
YIQ	145.4100, 22.6930, 12.7490

Conversions

Conversions Part 2

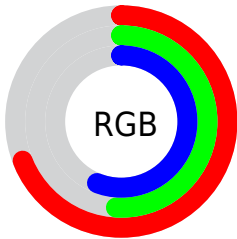
Format	Color
RYB	175, 131, 142
Decimal	11502478
CIELab	59.25, 18.61, 0.70
CIElCh	59, 18.624, 2.161
Yxy	27.2996, 0.3517, 0.3130
Android (android.graphics.Color)	4289692558 (0xFFAF838E)
YUV	145.4100, -1.6811, 25.9504
Hunter-Lab	52.2490, 13.3601, 3.3888

Details

The Yxy color $27.2996, 0.3517, 0.3130$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $38.1591, 0.2844, 0.3457$, and the grayscale version is $28.4913, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.2554, 0.3431, 0.3157$, and $10.7951, 0.3662, 0.3065$ is the 20% darker color. If you saturate the color by 10%, you get $22.6189, 0.3736, 0.3063$, and if you desaturate by 10%, it is $32.8230, 0.3337, 0.3196$.

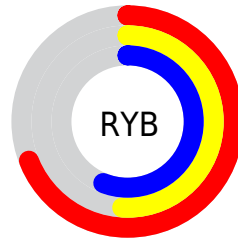
Distribution



Red (69%)

Green (51%)

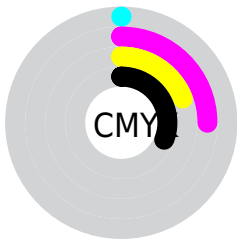
Blue (56%)



Red (69%)

Yellow (51%)

Blue (56%)

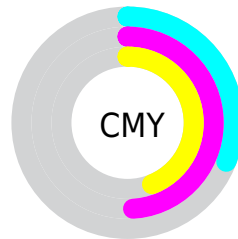


Cyan (0%)

Magenta (25%)

Yellow (19%)

Black (31%)



Cyan (31%)


Magenta (49%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.2996, 0.3517, 0.3130 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 27.2996, 0.3517, 0.3130 by changing the saturation by 10% instead.


 27.2996, 0.3517,
0.3130


 27.2996, 0.3517,
0.3130


289.1048, 0.3304,
0.3218


 17.7984, 0.3577,
0.3105


 55.3643, 0.3435,
0.3164

 10.8053, 0.3658,
0.3071


 74.6965, 0.3406,
0.3176

 5.9361, 0.3776,
0.3022

 98.0744, 0.3382,
0.3186

 2.8062, 0.3959,
0.2945

125.8826, 0.3361,
0.3194

 1.0314, 0.4283,
0.2807

158.5053, 0.3344,
0.3202

 0.0000, 1.0000,
0.0000


196.3270, 0.3329,


 0.0000, 0.0000,


0.3208

0.0000


239.7320, 0.3316,
0.3213


 27.2996, 0.3517,
0.3130

 27.2996, 0.3517,
0.3130

 22.6189, 0.3736,
0.3063


 32.8230, 0.3337,
0.3196


 18.7358, 0.4001,
0.2999


 39.2240, 0.3191,
0.3259


 15.6064, 0.4313,
0.2944

 46.5400, 0.3072,
0.3318

 13.1812, 0.4669,
0.2907

 54.8050, 0.2975,
0.3372

 11.4049, 0.5052,
0.2899

 64.0516, 0.2896,
0.3421

■ 10.2134, 0.5433,
0.2929

■ 74.3106, 0.2831,
0.3466

■ 9.5283, 0.5773,
0.2998

■ 85.6115, 0.2777,
0.3507

■ 9.2917, 0.5921,
0.3035

■ 87.3471, 0.2714,
0.3376

■ 87.8518, 0.2676,
0.3289

Harmonies

Analogous

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



27.2996, 0.3219, 0.2919



27.2996, 0.3517, 0.3130



27.2996, 0.3710, 0.3386

Triad

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



27.2996, 0.3517, 0.3130



27.2996, 0.3325, 0.3840



27.2996, 0.2551, 0.2912

Complementary

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



27.2996, 0.3517, 0.3130



38.1591, 0.2844, 0.3457

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.



27.2996, 0.2577, 0.3148



27.2996, 0.3517, 0.3130



27.2996, 0.3014, 0.3708

Square

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



27.2996, 0.3517, 0.3130



27.2996, 0.3592, 0.3804



27.2996, 0.2743, 0.3445



27.2996, 0.2669, 0.2790

Rectangle

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



27.2996, 0.3517, 0.3130



27.2996, 0.3748, 0.3554



27.2996, 0.2743, 0.3445



27.2996, 0.2543, 0.2980

Sweetspot

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



27.3009, 0.3517, 0.3130



66.6437, 0.3232, 0.3241



27.2217, 0.3039, 0.2655



14.4268, 0.3253, 0.3231



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



27.3009, 0.3517, 0.3130



44.2026, 0.3630, 0.3094



30.0983, 0.3607, 0.3453



8.0470, 0.3249, 0.3234



6.6642, 0.5892, 0.3020



0.1941, 0.5049, 0.2555

Inverse Universe

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



27.3009, 0.3517, 0.3130



44.2026, 0.3630, 0.3094



34.4678, 0.2750, 0.3121



8.0470, 0.3249, 0.3234



6.6642, 0.5892, 0.3020



0.1941, 0.5049, 0.2555

Previews

White Background



This preview shows how the Yxy color 27.2996, 0.3517, 0.3130 looks on a white background.

Color Contrast Check

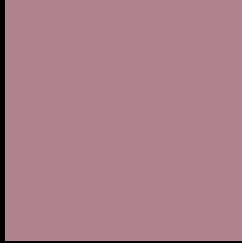
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.2996, 0.3517, 0.3130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

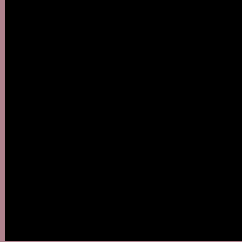
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.2996, 0.3517, 0.3130

Background



This preview shows how black text looks on a background with the Yxy color 27.2996, 0.3517, 0.3130.



This preview shows how white text looks on a background with the Yxy color 27.2996, 0.3517, 0.3130.

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

27.2996, 0.3517, 0.3130

Protanopia

27.4134, 0.3089, 0.3193

Deuteranopia

27.2681, 0.3307, 0.3244



Tritanopia

27.2696, 0.3529, 0.3144

Trichromacy



Original Color

27.2996, 0.3517, 0.3130

Protanomaly

27.2208, 0.3232, 0.3165

Deuteranomaly

27.1435, 0.3392, 0.3199

Tritanomaly

27.2696, 0.3529, 0.3144

Monochromacy



Original Color

27.2996, 0.3517, 0.3130

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.8377, 0.3261, 0.3228

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.2996, 0.3517, 0.3130 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(175, 131, 142)` looks like.

```
.text, #text, p{  
    color:rgb(175, 131, 142)  
}
```

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(175, 131, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 131, 142) }
```

Border

The CSS property to change the border of an element to Yxy 27.2996, 0.3517, 0.3130 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(175, 131, 142) }
```

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

```
.border{ border-color:rgb(175, 131, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 131, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 131, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 131, 142);  
box-shadow:4px 4px 4px 4px rgb(175, 131,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 27.2996, 0.3517, 0.3130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 131, 142) }
```

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

```
.background{ background-color: rgb(175,  
131, 142) }
```

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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