

Converting Colors

$Y_{xy}(27.1588, 0.3534, 0.3190)$

Have a look what the booklet for
Yxy(27.1588, 0.3534, 0.3190)
contains.

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Color

Yxy(27.2217, 0.3538, 0.3202)

Conversions

Conversions Part 1

Format	Color
Hex	AD848A
RGB	173, 132, 138
RGB Percent	68%, 52%, 54%
CMY	0.3214, 0.4824, 0.4588
CMYK	0.00, 0.24, 0.20, 0.32
HSL	351°, 20%, 60%
HSV	351°, 24%, 68%
XYZ	30.0782, 27.2217, 27.7148
YIQ	144.9430, 22.5100, 10.5580

Conversions

Conversions Part 2

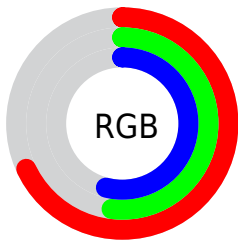
Format	Color
R_{YB}	173, 132, 138
Decimal	11371658
CIE _{Lab}	59.18, 16.68, 2.87
CIE _{LCh}	59, 16.926, 9.760
Yxy	27.2217, 0.3538, 0.3202
Android (android.graphics.Color)	4289561738 (0xFFAD848A)
YUV	144.9430, -3.4229, 24.6060
Hunter-Lab	52.1744, 11.5988, 5.0275

Details

The Yxy color $27.2217, 0.3538, 0.3202$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $37.5963, 0.2827, 0.3381$, and the grayscale version is $28.2998, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.1175, 0.3454, 0.3223$, and $10.7322, 0.3694, 0.3166$ is the 20% darker color. If you saturate the color by 10%, you get $22.5141, 0.3783, 0.3163$, and if you desaturate by 10%, it is $32.7683, 0.3339, 0.3241$.

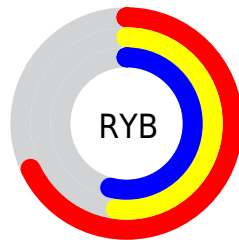
Distribution



Red (68%)

Green (52%)

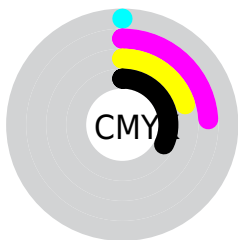
Blue (54%)



Red (68%)

Yellow (52%)

Blue (54%)

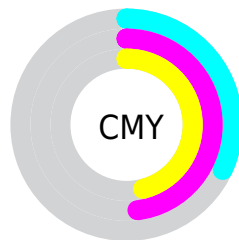


Cyan (0%)

Magenta (24%)

Yellow (20%)

Black (32%)



Cyan (32%)


Magenta (48%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.2217, 0.3538, 0.3202 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 27.2217, 0.3538, 0.3202 by changing the saturation by 10% instead.


 27.2217, 0.3538,
0.3202

 27.2217, 0.3538,
0.3202


288.7290, 0.3313,
0.3252


 17.7398, 0.3602,
0.3187


 55.2394, 0.3451,
0.3222

 10.7633, 0.3688,
0.3166


 74.5440, 0.3420,
0.3229

 5.9079, 0.3814,
0.3136

 97.8917, 0.3395,
0.3234

 2.7892, 0.4010,
0.3085

125.6667, 0.3373,
0.3239

 1.0227, 0.4363,
0.2989

158.2536, 0.3355,
0.3243

 0.0000, 1.0000,
0.0000


196.0366, 0.3339,


 0.0000, 0.0000,


0.3246


0.0000


239.4003, 0.3325,
0.3249


 27.2217, 0.3538,
0.3202


 27.2217, 0.3538,
0.3202


 22.5141, 0.3783,
0.3163


 32.7683, 0.3339,
0.3241


 18.6011, 0.4080,
0.3126


 39.1880, 0.3179,
0.3277


 15.4399, 0.4434,
0.3094


 46.5178, 0.3049,
0.3311


 12.9819, 0.4836,
0.3075


 54.7912, 0.2944,
0.3342

 11.1733, 0.5266,
0.3076


 64.0400, 0.2858,
0.3370

 9.9519, 0.5680,
0.3102

 74.2948, 0.2788,
0.3395

 9.2437, 0.6023,
0.3153

 85.5845, 0.2730,
0.3419

 8.9600, 0.6193,
0.3185

 87.6283, 0.2667,
0.3289

Harmonies

Analogous

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



27.2217, 0.3285, 0.2994



27.2217, 0.3538, 0.3202



27.2217, 0.3678, 0.3439

Triad

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



27.2217, 0.3538, 0.3202



27.2217, 0.3238, 0.3772



27.2217, 0.2616, 0.2907

Complementary

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



27.2217, 0.3538, 0.3202



37.5963, 0.2827, 0.3381

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.



27.2217, 0.2606, 0.3100



27.2217, 0.3538, 0.3202



27.2217, 0.2956, 0.3616

Square

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



27.2217, 0.3538, 0.3202



27.2217, 0.3498, 0.3780



27.2217, 0.2727, 0.3363



27.2217, 0.2756, 0.2824

Rectangle

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



27.2217, 0.3538, 0.3202



27.2217, 0.3686, 0.3587



27.2217, 0.2727, 0.3363



27.2217, 0.2598, 0.2960

Sweetspot

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



27.2229, 0.3538, 0.3202



66.0640, 0.3230, 0.3265



27.7204, 0.3089, 0.2700



14.2135, 0.3238, 0.3263



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.



27.2229, 0.3538, 0.3202



44.5317, 0.3648, 0.3183



31.2214, 0.3561, 0.3503



8.0338, 0.3264, 0.3257



6.5849, 0.6172, 0.3174



0.1889, 0.5507, 0.2807

Inverse Universe

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



27.2229, 0.3538, 0.3202



44.5317, 0.3648, 0.3183



32.6059, 0.2766, 0.3067



8.0338, 0.3264, 0.3257



6.5849, 0.6172, 0.3174



0.1889, 0.5507, 0.2807

Previews

White Background



This preview shows how the Yxy color 27.2217, 0.3538, 0.3202 looks on a white background.

Color Contrast Check

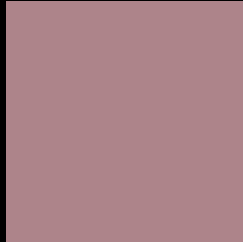
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.2217, 0.3538, 0.3202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

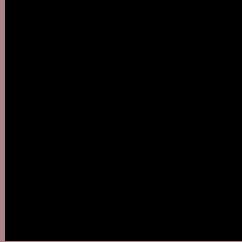
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.2217, 0.3538, 0.3202

Background



This preview shows how black text looks on a background with the Yxy color 27.2217, 0.3538, 0.3202.



This preview shows how white text looks on a background with the Yxy color 27.2217, 0.3538, 0.3202.

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

27.2217, 0.3538, 0.3202

Protanopia

27.3794, 0.3139, 0.3258

Deuteranopia

27.3540, 0.3373, 0.3306



Tritanopia

27.0698, 0.3494, 0.3129

Trichromacy



Original Color

27.2217, 0.3538, 0.3202

Protanomaly

27.0985, 0.3274, 0.3228

Deuteranomaly

27.3070, 0.3434, 0.3276

Tritanomaly

27.0399, 0.3506, 0.3143

Monochromacy



Original Color

27.2217, 0.3538, 0.3202

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.6777, 0.3271, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.2217, 0.3538, 0.3202 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(173, 132, 138)` looks like.

```
.text, #text, p{  
    color:rgb(173, 132, 138)  
}
```

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(173, 132, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 132, 138) }
```

Border

The CSS property to change the border of an element to Yxy 27.2217, 0.3538, 0.3202 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(173, 132, 138) }
```

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

```
.border{ border-color:rgb(173, 132, 138) }
```

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

Here you see how a box with a 4 pixel rgb(173, 132, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 132, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 132, 138);  
box-shadow:4px 4px 4px 4px rgb(173, 132,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 27.2217, 0.3538, 0.3202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 132, 138) }
```

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

```
.background{ background-color: rgb(173,  
132, 138) }
```

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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