

Converting Colors

$Y_{xy}(27.5231, 0.3569, 0.3291)$

Have a look what the booklet for
Yxy(27.5231, 0.3569, 0.3291)
contains.

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Color

Yxy(27.5421, 0.3566, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	AC8686
RGB	172, 134, 134
RGB Percent	67%, 53%, 53%
CMY	0.3255, 0.4745, 0.4744
CMYK	0.00, 0.22, 0.22, 0.33
HSL	360°, 19%, 60%
HSV	360°, 22%, 67%
XYZ	29.8436, 27.5421, 26.3035
YIQ	145.3620, 22.6480, 8.0560

Conversions

Conversions Part 2

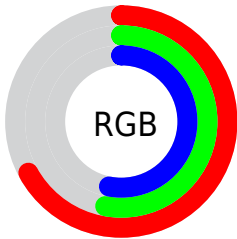
Format	Color
R _Y B	172, 134, 134
Decimal	11306630
CIE Lab	59.47, 14.53, 5.56
CIE LCh	59, 15.555, 20.961
Yxy	27.5421, 0.3566, 0.3291
Android (android.graphics.Color)	4289496710 (0xFFAC8686)
YUV	145.3620, -5.6015, 23.3615
Hunter-Lab	52.4806, 9.6647, 7.0200

Details

The Yxy color $27.5421, 0.3566, 0.3291$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $37.5545, 0.2806, 0.3289$, and the grayscale version is $28.4879, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.6225, 0.3475, 0.3291$, and $10.9027, 0.3737, 0.3292$ is the 20% darker color. If you saturate the color by 10%, you get $22.7275, 0.3846, 0.3292$, and if you desaturate by 10%, it is $33.2105, 0.3341, 0.3291$.

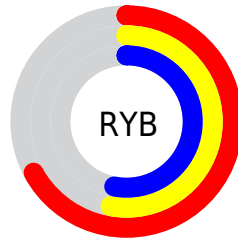
Distribution



Red (67%)

Green (53%)

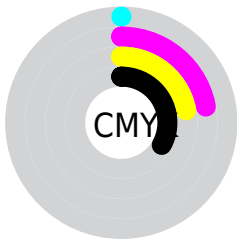
Blue (53%)



Red (67%)

Yellow (53%)

Blue (53%)

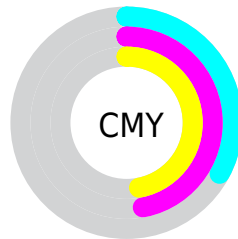


Cyan (0%)

Magenta (22%)

Yellow (22%)

Black (33%)



Cyan (33%)


Magenta (47%)


Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.5421, 0.3566, 0.3291 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 27.5421, 0.3566, 0.3291 by changing the saturation by 10% instead.


 27.5421, 0.3566,
0.3291


 27.5421, 0.3566,
0.3291


290.2724, 0.3326,
0.3294


 17.9808, 0.3634,
0.3289


 55.7525, 0.3473,
0.3293

 10.9362, 0.3727,
0.3285


 75.1705, 0.3440,
0.3293

 6.0239, 0.3861,
0.3278

 98.6427, 0.3413,
0.3294

 2.8596, 0.4070,
0.3262

126.5536, 0.3390,
0.3294

 1.0589, 0.4464,
0.3235

159.2877, 0.3370,
0.3294

 0.0000, 1.0000,
0.0000


197.2292, 0.3353,


 0.0000, 0.0000,


0.3294


0.0000


240.7626, 0.3339,
0.3294


 27.5421, 0.3566,
0.3291


 27.5421, 0.3566,
0.3291


 22.7275, 0.3846,
0.3292


 33.2105, 0.3341,
0.3291


 18.7220, 0.4189,
0.3293


 39.7674, 0.3160,
0.3290


 15.4821, 0.4596,
0.3294


 47.2499, 0.3015,
0.3290

 12.9593, 0.5054,
0.3295


 55.6920, 0.2899,
0.3290


 11.0989, 0.5526,
0.3296

 65.1261, 0.2804,
0.3289


 9.8390, 0.5948,
0.3298

 75.5829, 0.2727,
0.3289

 9.1056, 0.6247,
0.3299

 87.0918, 0.2664,
0.3289

 8.7717, 0.6400,
0.3299

 87.5115, 0.2662,
0.3289

Harmonies

Analogous

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



27.5421, 0.3366, 0.3084



27.5421, 0.3566, 0.3291



27.5421, 0.3643, 0.3507

Triad

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



27.5421, 0.3566, 0.3291



27.5421, 0.3132, 0.3691



27.5421, 0.2693, 0.2898

Complementary

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



27.5421, 0.3566, 0.3291



37.5545, 0.2806, 0.3289

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.



27.5421, 0.2637, 0.3041



27.5421, 0.3566, 0.3291



27.5421, 0.2884, 0.3508

Square

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



27.5421, 0.3566, 0.3291



27.5421, 0.3385, 0.3751



27.5421, 0.2705, 0.3264



27.5421, 0.2861, 0.2861

Rectangle

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



27.5421, 0.3566, 0.3291



27.5421, 0.3613, 0.3629



27.5421, 0.2705, 0.3264



27.5421, 0.2661, 0.2934

Sweetspot

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



27.5434, 0.3566, 0.3291



65.9498, 0.3246, 0.3290



28.7290, 0.3146, 0.2751



14.1869, 0.3256, 0.3290



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.



27.5434, 0.3566, 0.3291



45.0695, 0.3709, 0.3291



33.0696, 0.3510, 0.3560



8.0154, 0.3286, 0.3290



6.5270, 0.6400, 0.3299



0.1816, 0.6397, 0.3298

Inverse Universe

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



27.5434, 0.3566, 0.3291



45.0695, 0.3709, 0.3291



31.0388, 0.2785, 0.3004



8.0154, 0.3286, 0.3290



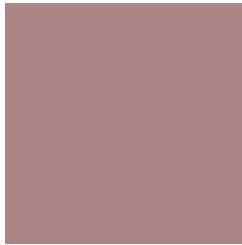
6.5270, 0.6400, 0.3299



0.1816, 0.6397, 0.3298

Previews

White Background



This preview shows how the Yxy color 27.5421, 0.3566, 0.3291 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 27.5421, 0.3566, 0.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

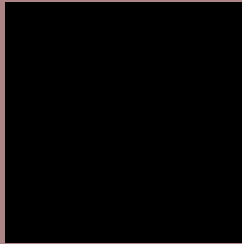
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.5421, 0.3566, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 27.5421, 0.3566, 0.3291.



This preview shows how white text looks on a background with the Yxy color 27.5421, 0.3566, 0.3291.

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

27.5421, 0.3566, 0.3291

Protanopia

27.7120, 0.3210, 0.3355

Deuteranopia

27.4475, 0.3439, 0.3369



Tritanopia

27.6425, 0.3478, 0.3144

Trichromacy



Original Color

27.5421, 0.3566, 0.3291

Protanomaly

27.6302, 0.3335, 0.3338

Deuteranomaly

27.5841, 0.3488, 0.3352

Tritanomaly

27.5527, 0.3512, 0.3188

Monochromacy



Original Color

27.5421, 0.3566, 0.3291

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.9414, 0.3280, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.5421, 0.3566, 0.3291 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(172, 134, 134)` looks like.

```
.text, #text, p{  
    color:rgb(172, 134, 134)  
}
```

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(172, 134, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 134, 134) }
```

Border

The CSS property to change the border of an element to Yxy 27.5421, 0.3566, 0.3291 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(172, 134, 134) }
```

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

```
.border{ border-color:rgb(172, 134, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 134, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 134, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 134, 134);  
box-shadow:4px 4px 4px 4px rgb(172, 134,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 27.5421, 0.3566, 0.3291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 134, 134) }
```

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

```
.background{ background-color: rgb(172,  
134, 134) }
```

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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