

Converting Colors

$Y_{xy}(27.4461, 0.3519, 0.3174)$

Have a look what the booklet for
Yxy(27.4461, 0.3519, 0.3174)
contains.

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Color

Yxy(27.3946, 0.3526, 0.3173)

Conversions

Conversions Part 1

Format	Color
Hex	AE848C
RGB	174, 132, 140
RGB Percent	68%, 52%, 55%
CMY	0.3176, 0.4824, 0.4509
CMYK	0.00, 0.24, 0.20, 0.32
HSL	349°, 21%, 60%
HSV	349°, 24%, 68%
XYZ	30.4423, 27.3946, 28.4997
YIQ	145.4700, 22.4640, 11.3920

Conversions

Conversions Part 2

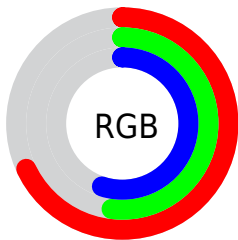
Format	Color
R_YB	174, 132, 140
Decimal	11437196
CIE Lab	59.34, 17.37, 1.96
CIE LCh	59, 17.475, 6.432
Yxy	27.3946, 0.3526, 0.3173
Android (android.graphics.Color)	4289627276 (0xFFAE848C)
YUV	145.4700, -2.6967, 25.0208
Hunter-Lab	52.3399, 12.2257, 4.3537

Details

The Yxy color $27.3946, 0.3526, 0.3173$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $37.9330, 0.2836, 0.3411$, and the grayscale version is $28.5220, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.3712, 0.3446, 0.3201$, and $10.8377, 0.3676, 0.3125$ is the 20% darker color. If you saturate the color by 10%, you get $22.6744, 0.3759, 0.3122$, and if you desaturate by 10%, it is $32.9576, 0.3336, 0.3223$.

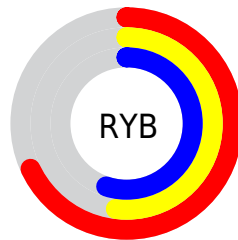
Distribution



Red (68%)

Green (52%)

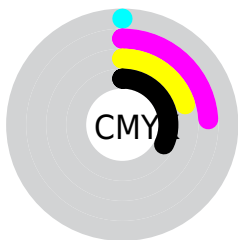
Blue (55%)



Red (68%)

Yellow (52%)

Blue (55%)

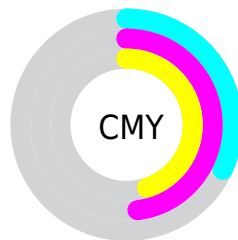


Cyan (0%)

Magenta (24%)

Yellow (20%)

Black (32%)



Cyan (32%)


Magenta (48%)

Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.3946, 0.3526, 0.3173 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 27.3946, 0.3526, 0.3173 by changing the saturation by 10% instead.


 27.3946, 0.3526,
0.3173


 27.3946, 0.3526,
0.3173


289.5627, 0.3308,
0.3238


 17.8698, 0.3587,
0.3154


 55.5164, 0.3442,
0.3198

 10.8566, 0.3671,
0.3128


 74.8822, 0.3412,
0.3207

 5.9705, 0.3792,
0.3090

 98.2972, 0.3387,
0.3215

 2.8271, 0.3980,
0.3029

126.1457, 0.3366,
0.3221

 1.0422, 0.4316,
0.2917

158.8120, 0.3349,
0.3226

 0.0000, 1.0000,
0.0000


196.6807, 0.3333,


 0.0000, 0.0000,

0.3231

0.0000


240.1362, 0.3320,
0.3235


 27.3946, 0.3526,
0.3173

 27.3946, 0.3526,
0.3173

 22.6744, 0.3759,
0.3122

 32.9576, 0.3336,
0.3223


 18.7522, 0.4042,
0.3073


 39.3978, 0.3182,
0.3271


 15.5848, 0.4377,
0.3031


 46.7524, 0.3057,
0.3316

 13.1234, 0.4760,
0.3005


 55.0551, 0.2956,
0.3356

 11.3133, 0.5171,
0.3002


 64.3382, 0.2873,
0.3393

 10.0919, 0.5574,
0.3030

 74.6321, 0.2805,
0.3427

 9.3840, 0.5920,
0.3091

 85.9662, 0.2749,
0.3457

 9.1104, 0.6090,
0.3128

 87.5895, 0.2682,
0.3314

 87.7394, 0.2671,
0.3289

Harmonies

Analogous

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



27.3946, 0.3256, 0.2965



27.3946, 0.3526, 0.3173



27.3946, 0.3687, 0.3416

Triad

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



27.3946, 0.3526, 0.3173



27.3946, 0.3273, 0.3796



27.3946, 0.2593, 0.2912

Complementary

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



27.3946, 0.3526, 0.3173



37.9330, 0.2836, 0.3411

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.



27.3946, 0.2598, 0.3122



27.3946, 0.3526, 0.3173



27.3946, 0.2982, 0.3651

Square

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



27.3946, 0.3526, 0.3173



27.3946, 0.3534, 0.3786



27.3946, 0.2737, 0.3396



27.3946, 0.2723, 0.2814

Rectangle

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



27.3946, 0.3526, 0.3173



27.3946, 0.3707, 0.3571



27.3946, 0.2737, 0.3396



27.3946, 0.2579, 0.2971

Sweetspot

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



27.3959, 0.3526, 0.3173



67.8027, 0.3225, 0.3257



27.6232, 0.3065, 0.2685



14.9159, 0.3233, 0.3255



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.



27.3959, 0.3526, 0.3173



44.9036, 0.3645, 0.3145



30.7947, 0.3577, 0.3476



8.0394, 0.3257, 0.3247



6.6141, 0.6065, 0.3115



0.1912, 0.5297, 0.2692

Inverse Universe

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



27.3959, 0.3526, 0.3173



44.9036, 0.3645, 0.3145



33.5932, 0.2762, 0.3096



8.0394, 0.3257, 0.3247



6.6141, 0.6065, 0.3115



0.1912, 0.5297, 0.2692

Previews

White Background



This preview shows how the Yxy color 27.3946, 0.3526, 0.3173 looks on a white background.

Color Contrast Check

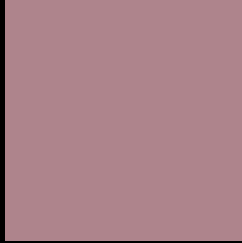
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.3946, 0.3526, 0.3173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

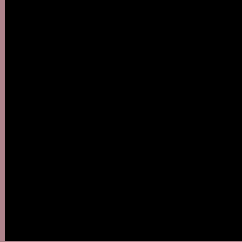
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.3946, 0.3526, 0.3173

Background



This preview shows how black text looks on a background with the Yxy color 27.3946, 0.3526, 0.3173.



This preview shows how white text looks on a background with the Yxy color 27.3946, 0.3526, 0.3173.

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

27.3946, 0.3526, 0.3173

Protanopia

27.4411, 0.3120, 0.3226

Deuteranopia

27.3101, 0.3340, 0.3275



Tritanopia

27.4542, 0.3503, 0.3144

Trichromacy



Original Color

27.3946, 0.3526, 0.3173

Protanomaly

27.2585, 0.3264, 0.3197

Deuteranomaly

27.3649, 0.3412, 0.3245

Tritanomaly

27.4243, 0.3515, 0.3159

Monochromacy



Original Color

27.3946, 0.3526, 0.3173

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.8073, 0.3271, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.3946, 0.3526, 0.3173 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(174, 132, 140)` looks like.

```
.text, #text, p{  
    color:rgb(174, 132, 140)  
}
```

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(174, 132, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 132, 140) }
```

Border

The CSS property to change the border of an element to Yxy 27.3946, 0.3526, 0.3173 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(174, 132, 140) }
```

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

```
.border{ border-color:rgb(174, 132, 140) }
```

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

Here you see how a box with a 4 pixel rgb(174, 132, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 132, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 132, 140);  
box-shadow:4px 4px 4px 4px rgb(174, 132,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 27.3946, 0.3526, 0.3173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 132, 140) }
```

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

```
.background{ background-color: rgb(174,  
132, 140) }
```

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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