

Converting Colors

$Y_{xy}(27.7179, 0.3527, 0.3264)$

Have a look what the booklet for
Yxy(27.7179, 0.3527, 0.3264)
contains.

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Color

Yxy(27.7920, 0.3517, 0.3261)

Conversions

Conversions Part 1

Format	Color
Hex	AB8789
RGB	171, 135, 137
RGB Percent	67%, 53%, 54%
CMY	0.3294, 0.4706, 0.4627
CMYK	0.00, 0.21, 0.20, 0.33
HSL	357°, 18%, 60%
HSV	357°, 21%, 67%
XYZ	29.9738, 27.7920, 27.4596
YIQ	145.9920, 20.8140, 8.2540

Conversions

Conversions Part 2

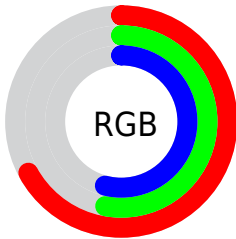
Format	Color
R_{YB}	171, 135, 137
Decimal	11241353
CIE _{Lab}	59.70, 14.04, 4.16
CIE _{LCh}	60, 14.641, 16.500
Yxy	27.7920, 0.3517, 0.3261
Android (android.graphics.Color)	4289431433 (0xFFAB8789)
YUV	145.9920, -4.4331, 21.9320
Hunter-Lab	52.7181, 9.2325, 6.0199

Details

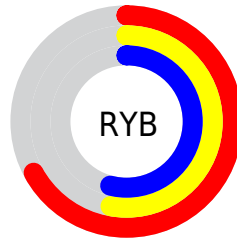
The Yxy color $27.7920, 0.3517, 0.3261$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $37.1378, 0.2835, 0.3320$, and the grayscale version is $28.7541, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.0150, 0.3440, 0.3268$, and $11.0367, 0.3662, 0.3249$ is the 20% darker color. If you saturate the color by 10%, you get $22.9694, 0.3774, 0.3247$, and if you desaturate by 10%, it is $33.4528, 0.3309, 0.3275$.

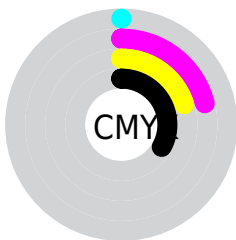
Distribution



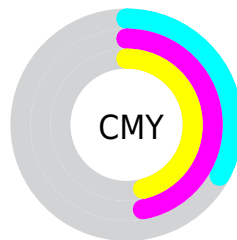
- Red (67%)
- Green (53%)
- Blue (54%)



- Red (67%)
- Yellow (53%)
- Blue (54%)



- Cyan (0%)
- Magenta (21%)
- Yellow (20%)
- Black (33%)





- Cyan (33%)
- Magenta (47%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.7920, 0.3517, 0.3261 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 27.7920, 0.3517, 0.3261 by changing the saturation by 10% instead.


 27.7920, 0.3517,
0.3261


 27.7920, 0.3517,
0.3261


291.4717, 0.3304,
0.3279


 18.1689, 0.3577,
0.3255


 56.1522, 0.3435,
0.3269

 11.0713, 0.3659,
0.3246


 75.6581, 0.3405,
0.3271

 6.1148, 0.3777,
0.3232


 99.2271, 0.3381,
0.3273

 2.9150, 0.3961,
0.3207

127.2435, 0.3361,
0.3275

 1.0875, 0.4292,
0.3157

160.0918, 0.3344,
0.3276

 0.0000, 1.0000,
0.0000


198.1563, 0.3329,


 0.0000, 0.0000,


0.3277


0.0000

241.8215, 0.3316,
0.3278


 27.7920, 0.3517,
0.3261

 27.7920, 0.3517,
0.3261


 22.9694, 0.3774,
0.3247


 33.4528, 0.3309,
0.3275


 18.9416, 0.4090,
0.3233


 39.9849, 0.3143,
0.3289

 15.6670, 0.4467,
0.3221


 47.4242, 0.3008,
0.3301

 13.0989, 0.4899,
0.3215


 55.8038, 0.2900,
0.3312


 11.1852, 0.5358,
0.3216


 65.1546, 0.2812,
0.3322


 9.8667, 0.5793,
0.3228

 75.5066, 0.2739,
0.3332

 9.0736, 0.6136,
0.3250

 86.8882, 0.2680,
0.3340

 8.6780, 0.6336,
0.3264

 87.3970, 0.2657,
0.3289

Harmonies

Analogous

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



27.7920, 0.3317, 0.3070



27.7920, 0.3517, 0.3261



27.7920, 0.3609, 0.3466

Triad

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



27.7920, 0.3517, 0.3261



27.7920, 0.3169, 0.3682



27.7920, 0.2704, 0.2936

Complementary

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



27.7920, 0.3517, 0.3261



37.1378, 0.2835, 0.3320

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.



27.7920, 0.2668, 0.3085



27.7920, 0.3517, 0.3261



27.7920, 0.2931, 0.3525

Square

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



27.7920, 0.3517, 0.3261



27.7920, 0.3402, 0.3720



27.7920, 0.2750, 0.3301



27.7920, 0.2848, 0.2885

Rectangle

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



27.7920, 0.3517, 0.3261



27.7920, 0.3595, 0.3586



27.7920, 0.2750, 0.3301



27.7920, 0.2679, 0.2975

Sweetspot

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



27.7933, 0.3517, 0.3261



65.4985, 0.3222, 0.3282



28.6595, 0.3126, 0.2774



14.4438, 0.3233, 0.3281



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.



27.7933, 0.3517, 0.3261



45.8027, 0.3623, 0.3255



32.4110, 0.3494, 0.3520



8.0224, 0.3278, 0.3278



6.5453, 0.6326, 0.3258



0.1844, 0.6015, 0.3087

Inverse Universe

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



27.7933, 0.3517, 0.3261



45.8027, 0.3623, 0.3255



31.6666, 0.2804, 0.3048



8.0224, 0.3278, 0.3278



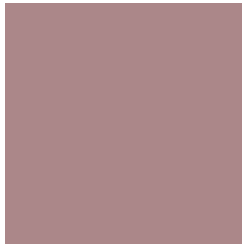
6.5453, 0.6326, 0.3258



0.1844, 0.6015, 0.3087

Previews

White Background



This preview shows how the Yxy color 27.7920, 0.3517, 0.3261 looks on a white background.

Color Contrast Check

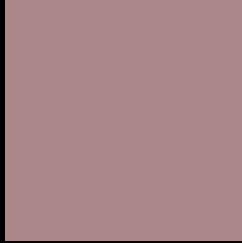
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.7920, 0.3517, 0.3261 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 27.7920, 0.3517, 0.3261

Background



This preview shows how black text looks on a background with the Yxy color 27.7920, 0.3517, 0.3261.



This preview shows how white text looks on a background with the Yxy color 27.7920, 0.3517, 0.3261.

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

27.7920, 0.3517, 0.3261

Protanopia

27.8010, 0.3180, 0.3306

Deuteranopia

27.8199, 0.3404, 0.3337



Tritanopia

27.8345, 0.3452, 0.3143

Trichromacy



Original Color

27.7920, 0.3517, 0.3261

Protanomaly

27.7175, 0.3303, 0.3291

Deuteranomaly

27.9539, 0.3452, 0.3321

Tritanomaly

27.7439, 0.3486, 0.3187

Monochromacy



Original Color

27.7920, 0.3517, 0.3261

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.2977, 0.3258, 0.3275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.7920, 0.3517, 0.3261 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(171, 135, 137)` looks like.

```
.text, #text, p{  
    color:rgb(171, 135, 137)  
}
```

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(171, 135, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 135, 137) }
```

Border

The CSS property to change the border of an element to Yxy 27.7920, 0.3517, 0.3261 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(171, 135, 137) }
```

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

```
.border{ border-color:rgb(171, 135, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 135, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 135, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 135, 137);  
box-shadow:4px 4px 4px 4px rgb(171, 135,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 27.7920, 0.3517, 0.3261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 135, 137) }
```

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

```
.background{ background-color: rgb(171,  
135, 137) }
```

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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