

Converting Colors

$Y_{xy}(27.6795, 0.3602, 0.3487)$

Have a look what the booklet for
Yxy(27.6795, 0.3602, 0.3487)
contains.

Yxy(27.5875, 0.3600, 0.3475)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(27.5875, 0.3600, 0.3475)

Conversions

Conversions Part 1

Format	Color
Hex	A7897D
RGB	167, 137, 125
RGB Percent	65%, 54%, 49%
CMY	0.3452, 0.4627, 0.5098
CMYK	0.00, 0.18, 0.25, 0.35
HSL	17°, 19%, 57%
HSV	17°, 25%, 65%
XYZ	28.5799, 27.5875, 23.2211
YIQ	144.6020, 21.7320, 2.6280

Conversions

Conversions Part 2

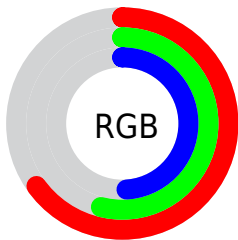
Format	Color
R_{YB}	167, 142, 125
Decimal	10979709
CIE Lab	59.51, 9.48, 10.71
CIE LCh	60, 14.300, 48.470
Yxy	27.5875, 0.3600, 0.3475
Android (android.graphics.Color)	4289169789 (0xFFA7897D)
YUV	144.6020, -9.6638, 19.6430
Hunter-Lab	52.5238, 5.2108, 10.5541

Details

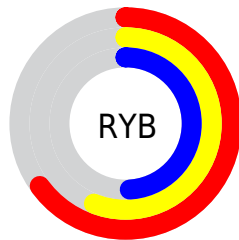
The Yxy color $27.5875, 0.3600, 0.3475$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $30.5801, 0.2749, 0.3097$, and the grayscale version is $28.1787, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.7292, 0.3501, 0.3430$, and $10.9156, 0.3771, 0.3533$ is the 20% darker color. If you saturate the color by 10%, you get $23.9932, 0.3850, 0.3553$, and if you desaturate by 10%, it is $31.6305, 0.3387, 0.3398$.

Distribution



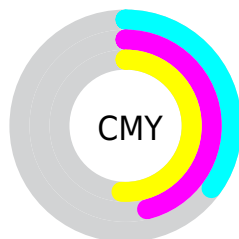
- Red (65%)
- Green (54%)
- Blue (49%)



- Red (65%)
- Yellow (56%)
- Blue (49%)



- Cyan (0%)
- Magenta (18%)
- Yellow (25%)
- Black (35%)





- Cyan (35%)
- Magenta (46%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.5875, 0.3600, 0.3475 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 27.5875, 0.3600, 0.3475 by changing the saturation by 10% instead.


 27.5875, 0.3600,
0.3475


 27.5875, 0.3600,
0.3475


290.4906, 0.3341,
0.3379


 18.0149, 0.3673,
0.3500


 55.8252, 0.3500,
0.3439

 10.9607, 0.3773,
0.3533


 75.2591, 0.3464,
0.3426

 6.0404, 0.3916,
0.3576

 98.7489, 0.3435,
0.3415

 2.8697, 0.4139,
0.3636

126.6791, 0.3410,
0.3406

 1.0641, 0.4699,
0.3857

159.4339, 0.3389,
0.3397

 0.0000, 1.0000,
0.0000

197.3978, 0.3371,

 0.0000, 0.0000,

0.3390

0.0000

240.9553, 0.3355,
0.3384

■ 27.5875, 0.3600,
0.3475

■ 27.5875, 0.3600,
0.3475

■ 23.9932, 0.3850,
0.3553

■ 31.6305, 0.3387,
0.3398

■ 20.8280, 0.4141,
0.3628

■ 36.1333, 0.3208,
0.3326

■ 18.0767, 0.4471,
0.3694


■ 41.1113, 0.3057,
0.3258

■ 15.7214, 0.4831,
0.3742


■ 46.5781, 0.2930,
0.3195

■ 13.7429, 0.5203,
0.3759


■ 52.5467, 0.2822,
0.3138

 12.1202, 0.5556,
0.3736

 59.0296, 0.2731,
0.3086

 10.8299, 0.5852,
0.3669

 66.0390, 0.2653,
0.3039

 10.3090, 0.5982,
0.3632

 73.3534, 0.2604,
0.3034

 80.3072, 0.2622,
0.3170

Harmonies

Analogous

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



27.5875, 0.3518, 0.3275



27.5875, 0.3600, 0.3475



27.5875, 0.3549, 0.3637

Triad

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



27.5875, 0.3600, 0.3475



27.5875, 0.2921, 0.3507



27.5875, 0.2866, 0.2893

Complementary

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



27.5875, 0.3600, 0.3475



30.5801, 0.2749, 0.3097

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.



27.5875, 0.2718, 0.2937



27.5875, 0.3600, 0.3475



27.5875, 0.2749, 0.3286

Square

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



27.5875, 0.3600, 0.3475



27.5875, 0.3152, 0.3666



27.5875, 0.2676, 0.3077



27.5875, 0.3088, 0.2948

Rectangle

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



27.5875, 0.3600, 0.3475



27.5875, 0.3448, 0.3699



27.5875, 0.2676, 0.3077



27.5875, 0.2807, 0.2896

Sweetspot

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



27.5888, 0.3600, 0.3475



62.2189, 0.3259, 0.3347



25.2500, 0.3286, 0.2843



13.6554, 0.3284, 0.3358



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



27.5888, 0.3600, 0.3475



45.8459, 0.3730, 0.3517



34.1068, 0.3528, 0.3779



7.8790, 0.3279, 0.3355



7.9656, 0.5965, 0.3646



0.2797, 0.5336, 0.4145

Inverse Universe

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



30.5801, 0.2749, 0.3097



52.0988, 0.2670, 0.3050



24.2262, 0.2719, 0.2748



8.1638, 0.2987, 0.3224



12.3559, 0.1986, 0.2348



0.3814, 0.2082, 0.2696

Previews

White Background



This preview shows how the Yxy color 27.5875, 0.3600, 0.3475 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 27.5875, 0.3600, 0.3475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

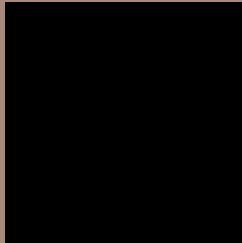
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.5875, 0.3600, 0.3475

Background



This preview shows how black text looks on a background with the Yxy color 27.5875, 0.3600, 0.3475.



This preview shows how white text looks on a background with the Yxy color 27.5875, 0.3600, 0.3475.

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

27.5875, 0.3600, 0.3475

Protanopia

27.6875, 0.3356, 0.3533

Deuteranopia

27.5501, 0.3562, 0.3492



Tritanopia

27.5295, 0.3407, 0.3127

Trichromacy



Original Color

27.5875, 0.3600, 0.3475

Protanomaly

27.6500, 0.3439, 0.3513

Deuteranomaly

27.6570, 0.3574, 0.3491

Tritanomaly

27.4878, 0.3472, 0.3246

Monochromacy



Original Color

27.5875, 0.3600, 0.3475

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.9533, 0.3287, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.5875, 0.3600, 0.3475 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(167, 137, 125)` looks like.

```
.text, #text, p{  
    color:rgb(167, 137, 125)  
}
```

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(167, 137, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 137, 125) }
```

Border

The CSS property to change the border of an element to Yxy 27.5875, 0.3600, 0.3475 is called "border". The border property can be set on classes, ids or directly on the HTML element.

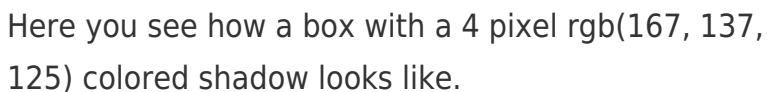
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 137, 125) }
```

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

```
.border{ border-color:rgb(167, 137, 125) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 137, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 137, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 137, 125); box-shadow:4px 4px 4px 4px rgb(167, 137, 125) }
```


Background

The CSS property to change the background color of an element to Yxy 27.5875, 0.3600, 0.3475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 137, 125) }
```

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

```
.background{ background-color: rgb(167,  
137, 125) }
```

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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