

Converting Colors

$Y_{xy}(27.4529, 0.3539, 0.3404)$

Have a look what the booklet for
Yxy(27.4529, 0.3539, 0.3404)
contains.

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Color

Yxy(27.5833, 0.3544, 0.3414)

Conversions

Conversions Part 1

Format	Color
Hex	A68981
RGB	166, 137, 129
RGB Percent	65%, 54%, 51%
CMY	0.3490, 0.4627, 0.4942
CMYK	0.00, 0.17, 0.22, 0.35
HSL	13°, 17%, 58%
HSV	13°, 22%, 65%
XYZ	28.6336, 27.5833, 24.5777
YIQ	144.7590, 19.8520, 3.6600

Conversions

Conversions Part 2

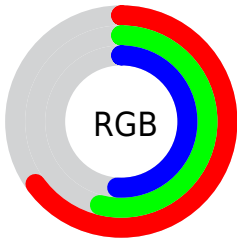
Format	Color
R_{YB}	166, 139, 129
Decimal	10914177
CIE Lab	59.51, 9.71, 8.42
CIE LCh	60, 12.848, 40.922
Yxy	27.5833, 0.3544, 0.3414
Android (android.graphics.Color)	4289104257 (0xFFA68981)
YUV	144.7590, -7.7692, 18.6284
Hunter-Lab	52.5198, 5.4080, 9.0179

Details

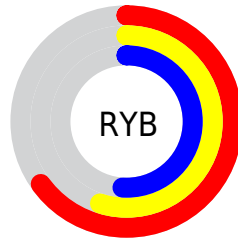
The Yxy color $27.5833, 0.3544, 0.3414$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $31.8671, 0.2794, 0.3162$, and the grayscale version is $28.2389, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.7339, 0.3459, 0.3383$, and $10.9730, 0.3703, 0.3445$ is the 20% darker color. If you saturate the color by 10%, you get $23.7013, 0.3793, 0.3474$, and if you desaturate by 10%, it is $31.9851, 0.3336, 0.3356$.

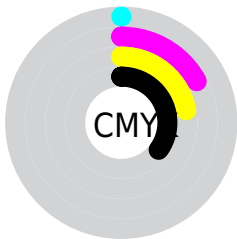
Distribution



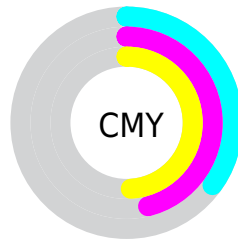
- Red (65%)
- Green (54%)
- Blue (51%)



- Red (65%)
- Yellow (55%)
- Blue (51%)



- Cyan (0%)
- Magenta (17%)
- Yellow (22%)
- Black (35%)





- Cyan (35%)
- Magenta (46%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.5833, 0.3544, 0.3414 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 27.5833, 0.3544, 0.3414 by changing the saturation by 10% instead.


 27.5833, 0.3544,
0.3414


 27.5833, 0.3544,
0.3414


290.4704, 0.3316,
0.3350


 18.0118, 0.3609,
0.3430


 55.8185, 0.3456,
0.3390

 10.9584, 0.3697,
0.3452


 75.2509, 0.3424,
0.3382

 6.0389, 0.3824,
0.3480

 98.7391, 0.3398,
0.3374

 2.8687, 0.4022,
0.3519

126.6675, 0.3376,
0.3368

 1.0636, 0.4455,
0.3637

159.4204, 0.3358,
0.3362

 0.0000, 1.0000,
0.0000

197.3822, 0.3342,

 0.0000, 0.0000,

0.3358

0.0000

240.9374, 0.3328,
0.3354

■ 27.5833, 0.3544,
0.3414

■ 27.5833, 0.3544,
0.3414

■ 23.7013, 0.3793,
0.3474

■ 31.9851, 0.3336,
0.3356

■ 20.3162, 0.4087,
0.3532

■ 36.9212, 0.3163,
0.3302

■ 17.4087, 0.4428,
0.3584

■ 42.4102, 0.3019,
0.3252

■ 14.9570, 0.4809,
0.3622

■ 48.4685, 0.2898,
0.3206

■ 12.9374, 0.5210,
0.3637

■ 55.1121, 0.2798,
0.3164

■ 11.3241, 0.5598,
0.3619

■ 62.3560, 0.2713,
0.3126

■ 10.0882, 0.5927,
0.3565

■ 70.2150, 0.2641,
0.3091

■ 9.3672, 0.6133,
0.3512

■ 78.2584, 0.2612,
0.3133

■ 86.2352, 0.2632,
0.3278

Harmonies

Analogous

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



27.5833, 0.3443, 0.3232



27.5833, 0.3544, 0.3414



27.5833, 0.3528, 0.3572

Triad

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



27.5833, 0.3544, 0.3414



27.5833, 0.2991, 0.3528



27.5833, 0.2851, 0.2933

Complementary

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



27.5833, 0.3544, 0.3414



31.8671, 0.2794, 0.3162

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.



27.5833, 0.2740, 0.2997



27.5833, 0.3544, 0.3414



27.5833, 0.2818, 0.3339

Square

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



27.5833, 0.3544, 0.3414



27.5833, 0.3205, 0.3647



27.5833, 0.2728, 0.3143



27.5833, 0.3038, 0.2961

Rectangle

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



27.5833, 0.3544, 0.3414



27.5833, 0.3455, 0.3642



27.5833, 0.2728, 0.3143



27.5833, 0.2804, 0.2944

Sweetspot

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



27.5846, 0.3544, 0.3414



62.5557, 0.3242, 0.3328



26.2929, 0.3231, 0.2851



13.8863, 0.3252, 0.3331



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.



27.5846, 0.3544, 0.3414



46.2806, 0.3668, 0.3445



33.1007, 0.3488, 0.3678



7.7961, 0.3280, 0.3340



7.3220, 0.6118, 0.3524



0.2489, 0.5528, 0.3992

Inverse Universe

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



31.8671, 0.2794, 0.3162



55.5082, 0.2720, 0.3129



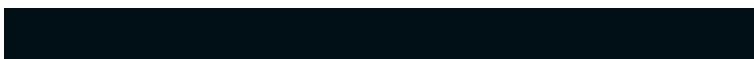
26.2016, 0.2773, 0.2869



8.2521, 0.2987, 0.3240



14.5925, 0.2053, 0.2590



0.4219, 0.2124, 0.2847

Previews

White Background



This preview shows how the Yxy color 27.5833, 0.3544, 0.3414 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 27.5833, 0.3544, 0.3414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

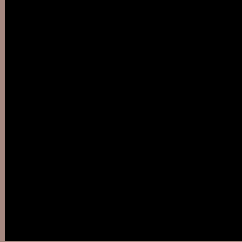
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.5833, 0.3544, 0.3414

Background



This preview shows how black text looks on a background with the Yxy color 27.5833, 0.3544, 0.3414.



This preview shows how white text looks on a background with the Yxy color 27.5833, 0.3544, 0.3414.

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

27.5833, 0.3544, 0.3414

Protanopia

27.7004, 0.3303, 0.3468

Deuteranopia

27.5485, 0.3506, 0.3430



Tritanopia

27.6971, 0.3394, 0.3141

Trichromacy



Original Color

27.5833, 0.3544, 0.3414

Protanomaly

27.6570, 0.3385, 0.3449

Deuteranomaly

27.6545, 0.3518, 0.3430

Tritanomaly

27.6879, 0.3446, 0.3246

Monochromacy



Original Color

27.5833, 0.3544, 0.3414

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.9824, 0.3277, 0.3338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.5833, 0.3544, 0.3414 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(166, 137, 129)` looks like.

```
.text, #text, p{  
    color:rgb(166, 137, 129)  
}
```

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(166, 137, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 137, 129) }
```

Border

The CSS property to change the border of an element to Yxy 27.5833, 0.3544, 0.3414 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(166, 137, 129) }
```

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

```
.border{ border-color:rgb(166, 137, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 137, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 137, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 137, 129);  
box-shadow:4px 4px 4px 4px rgb(166, 137,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 27.5833, 0.3544, 0.3414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 137, 129) }
```

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

```
.background{ background-color: rgb(166,  
137, 129) }
```

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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