

Converting Colors

$Y_{xy}(28.1681, 0.3206, 0.3607)$

Have a look what the booklet for
Yxy(28.1681, 0.3206, 0.3607)
contains.

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Color

Yxy(28.1681, 0.3206, 0.3607)

Conversions

Conversions Part 1

Format	Color
Hex	8A9481
RGB	138, 148, 129
RGB Percent	54%, 58%, 51%
CMY	0.4587, 0.4196, 0.4941
CMYK	0.07, 0.00, 0.13, 0.42
HSL	92°, 8%, 54%
HSV	92°, 13%, 58%
XYZ	25.0366, 28.1681, 24.8882
YIQ	142.8440, 0.1390, -8.0290

Conversions

Conversions Part 2

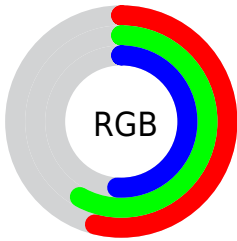
Format	Color
R_{YB}	129, 148, 139
Decimal	9081985
CIE Lab	60.04, -7.24, 8.82
CIE LCh	60, 11.413, 129.403
Yxy	28.1681, 0.3206, 0.3607
Android (android.graphics.Color)	4287272065 (0xFF8A9481)
YUV	142.8440, -6.8251, -4.2482
Hunter-Lab	53.0736, -8.6745, 9.3483

Details

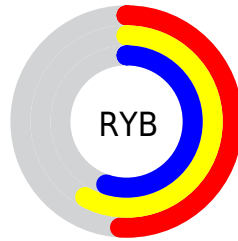
The Yxy color $28.1681, 0.3206, 0.3607$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $23.3277, 0.3040, 0.2974$, and the grayscale version is $27.4324, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.6948, 0.3186, 0.3538$, and $11.2033, 0.3229, 0.3711$ is the 20% darker color. If you saturate the color by 10%, you get $27.1641, 0.3266, 0.3877$, and if you desaturate by 10%, it is $29.2790, 0.3145, 0.3357$.

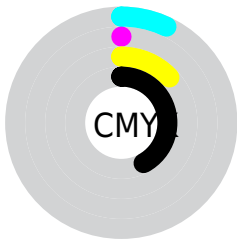
Distribution



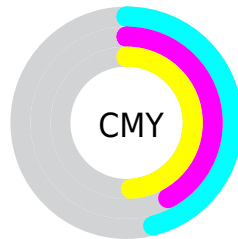
- Red (54%)
- Green (58%)
- Blue (51%)



- Red (51%)
- Yellow (58%)
- Blue (55%)



- Cyan (7%)
- Magenta (0%)
- Yellow (13%)
- Black (42%)





- Cyan (46%)
- Magenta (42%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.1681, 0.3206, 0.3607 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 28.1681, 0.3206, 0.3607 by changing the saturation by 10% instead.


 28.1681, 0.3206,
0.3607


 28.1681, 0.3206,
0.3607


293.2693, 0.3165,
0.3433


 18.4524, 0.3217,
0.3657


 56.7527, 0.3190,
0.3539

 11.2753, 0.3231,
0.3725


 76.3904, 0.3185,
0.3515

 6.2523, 0.3251,
0.3824


 100.1043, 0.3180,
0.3495

 2.9991, 0.3279,
0.3982

128.2786, 0.3176,
0.3479

 1.1313, 0.3379,
0.4342

161.2979, 0.3173,
0.3465

 0.0045, 0.0000,
1.0000

199.5465, 0.3170,

 0.0000, 0.0000,

0.3453

0.0000

243.4089, 0.3167,
0.3442

■ 28.1681, 0.3206,
0.3607

■ 28.1681, 0.3206,
0.3607

■ 27.1641, 0.3266,
0.3877

■ 29.2790, 0.3145,
0.3357

■ 26.2600, 0.3322,
0.4163

■ 30.4964, 0.3084,
0.3129

■ 25.4533, 0.3370,
0.4457

■ 31.8246, 0.3024,
0.2922

■ 24.7401, 0.3407,
0.4750

■ 33.2666, 0.2968,
0.2737

■ 24.1163, 0.3428,
0.5028

■ 34.8252, 0.2915,
0.2571

■ 23.5772, 0.3431,
0.5278

■ 36.5032, 0.2865,
0.2424

■ 23.1177, 0.3414,
0.5484

■ 38.3032, 0.2818,
0.2292

■ 22.7320, 0.3377,
0.5638

■ 40.2277, 0.2775,
0.2175

■ 22.4908, 0.3344,
0.5727

■ 41.8065, 0.2785,
0.2130

Harmonies

Analogous

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



28.1681, 0.3378, 0.3615



28.1681, 0.3206, 0.3607



28.1681, 0.3017, 0.3506

Triad

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



28.1681, 0.3206, 0.3607



28.1681, 0.2781, 0.3037



28.1681, 0.3399, 0.3231

Complementary

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



28.1681, 0.3206, 0.3607



23.3277, 0.3040, 0.2974

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.



28.1681, 0.3231, 0.3088



28.1681, 0.3206, 0.3607



28.1681, 0.2877, 0.2975

Square

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



28.1681, 0.3206, 0.3607



28.1681, 0.2776, 0.3169



28.1681, 0.3040, 0.2995



28.1681, 0.3492, 0.3393

Rectangle

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



28.1681, 0.3206, 0.3607



28.1681, 0.2906, 0.3401



28.1681, 0.3040, 0.2995



28.1681, 0.3349, 0.3180

Sweetspot

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



28.1693, 0.3206, 0.3607



51.4087, 0.3152, 0.3387



26.2935, 0.3332, 0.3451



11.7031, 0.3157, 0.3404



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



28.1693, 0.3206, 0.3607



49.2508, 0.3221, 0.3672



27.4402, 0.3109, 0.3611



6.5954, 0.3184, 0.3514



19.2276, 0.3349, 0.5723



0.2527, 0.3694, 0.5449

Inverse Universe

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



23.3277, 0.3040, 0.2974



39.2332, 0.3021, 0.2910



24.1259, 0.3145, 0.2989



5.7738, 0.3066, 0.3067



3.2166, 0.2096, 0.0928



0.0569, 0.2576, 0.1193

Previews

White Background



This preview shows how the Yxy color 28.1681, 0.3206, 0.3607 looks on a white background.

Color Contrast Check

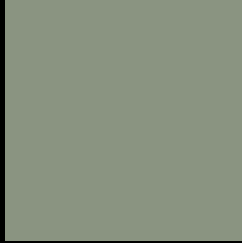
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.1681, 0.3206, 0.3607 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

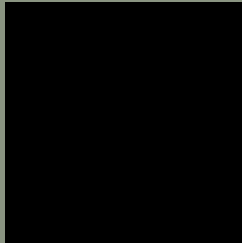
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

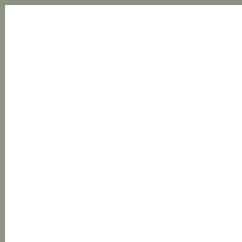
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 28.1681, 0.3206, 0.3607

Background



This preview shows how black text looks on a background with the Yxy color 28.1681, 0.3206, 0.3607.



This preview shows how white text looks on a background with the Yxy color 28.1681, 0.3206, 0.3607.

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

28.1681, 0.3206, 0.3607

Protanopia

28.0581, 0.3375, 0.3564

Deuteranopia

27.9964, 0.3492, 0.3414



Tritanopia

28.0976, 0.2992, 0.3099

Trichromacy



Original Color

28.1681, 0.3206, 0.3607

Protanomaly

27.9203, 0.3307, 0.3568

Deuteranomaly

27.9263, 0.3393, 0.3481

Tritanomaly

27.9888, 0.3076, 0.3274

Monochromacy



Original Color

28.1681, 0.3206, 0.3607

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.7485, 0.3153, 0.3405

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.1681, 0.3206, 0.3607 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(138, 148, 129)` looks like.

```
.text, #text, p{  
    color:rgb(138, 148, 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(138, 148, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 148, 129) }
```

Border

The CSS property to change the border of an element to Yxy 28.1681, 0.3206, 0.3607 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(138, 148, 129) }
```

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

```
.border{ border-color:rgb(138, 148, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 148, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 148, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 148, 129);  
box-shadow:4px 4px 4px 4px rgb(138, 148,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 28.1681, 0.3206, 0.3607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 148, 129) }
```

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

```
.background{ background-color: rgb(138,  
148, 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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