

Converting Colors

$Y_{xy}(28.6697, 0.3345, 0.3631)$

Have a look what the booklet for
Yxy(28.6697, 0.3345, 0.3631)
contains.

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Color

Yxy(28.6697, 0.3345, 0.3631)

Conversions

Conversions Part 1

Format	Color
Hex	94937E
RGB	148, 147, 126
RGB Percent	58%, 58%, 49%
CMY	0.4196, 0.4235, 0.5059
CMYK	0.00, 0.01, 0.15, 0.42
HSL	57°, 9%, 54%
HSV	57°, 15%, 58%
XYZ	26.4115, 28.6697, 23.8769
YIQ	144.9050, 7.3370, -6.3190

Conversions

Conversions Part 2

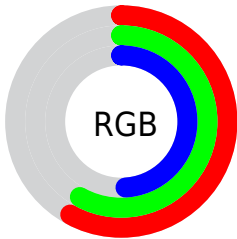
Format	Color
R_{YB}	127, 148, 126
Decimal	9737086
CIE Lab	60.49, -3.42, 11.27
CIE LCh	60, 11.778, 106.859
Yxy	28.6697, 0.3345, 0.3631
Android (android.graphics.Color)	4287927166 (0xFF94937E)
YUV	144.9050, -9.3202, 2.7143
Hunter-Lab	53.5441, -5.6541, 11.0417

Details

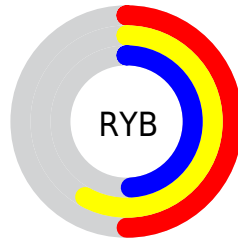
The Yxy color $28.6697, 0.3345, 0.3631$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $21.7475, 0.2896, 0.2925$, and the grayscale version is $28.3113, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.5845, 0.3297, 0.3556$, and $11.6266, 0.3414, 0.3765$ is the 20% darker color. If you saturate the color by 10%, you get $28.1097, 0.3496, 0.3866$, and if you desaturate by 10%, it is $29.2899, 0.3197, 0.3400$.

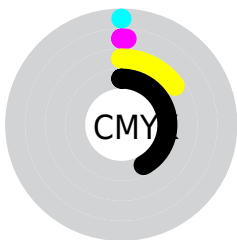
Distribution



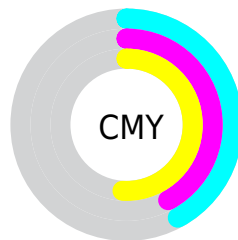
- Red (58%)
- Green (58%)
- Blue (49%)



- Red (50%)
- Yellow (58%)
- Blue (49%)



- Cyan (0%)
- Magenta (1%)
- Yellow (15%)
- Black (42%)





- Cyan (42%)
- Magenta (42%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.6697, 0.3345, 0.3631 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 28.6697, 0.3345, 0.3631 by changing the saturation by 10% instead.


 28.6697, 0.3345,
0.3631

 28.6697, 0.3345,
0.3631


295.6533, 0.3228,
0.3445


 18.8311, 0.3377,
0.3683


 57.5519, 0.3300,
0.3559

 11.5483, 0.3420,
0.3754


 77.3643, 0.3284,
0.3534

 6.4369, 0.3480,
0.3855


 101.2700, 0.3271,
0.3513

 3.1125, 0.3571,
0.4013

129.6535, 0.3260,
0.3495

 1.1908, 0.3826,
0.4410

162.8992, 0.3250,
0.3480

 0.0541, 0.0000,
1.0000

201.3915, 0.3242,

 0.0000, 0.0000,

0.3467

0.0000

245.5147, 0.3235,
0.3455

■ 28.6697, 0.3345,
0.3631

■ 28.6697, 0.3345,
0.3631

■ 28.1097, 0.3496,
0.3866

■ 29.2899, 0.3197,
0.3400

■ 27.6037, 0.3647,
0.4097

■ 29.9690, 0.3056,
0.3177

■ 27.1503, 0.3792,
0.4318

■ 30.7103, 0.2922,
0.2967

■ 26.7466, 0.3926,
0.4518

■ 31.5159, 0.2799,
0.2770

■ 26.3895, 0.4043,
0.4688

■ 32.3878, 0.2686,
0.2589

■ 26.0754, 0.4138,
0.4823

■ 33.3279, 0.2582,
0.2423

■ 25.8002, 0.4208,
0.4916

■ 34.3381, 0.2488,
0.2272

■ 25.5587, 0.4253,
0.4969

■ 35.4200, 0.2404,
0.2135

■ 25.4407, 0.4273,
0.4990

■ 36.3027, 0.2348,
0.2047

Harmonies

Analogous

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



28.6697, 0.3475, 0.3568



28.6697, 0.3345, 0.3631



28.6697, 0.3159, 0.3598

Triad

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



28.6697, 0.3345, 0.3631



28.6697, 0.2759, 0.3127



28.6697, 0.3281, 0.3116

Complementary

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



28.6697, 0.3345, 0.3631



21.7475, 0.2896, 0.2925

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.



28.6697, 0.3086, 0.3005



28.6697, 0.3345, 0.3631



28.6697, 0.2789, 0.3007

Square

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



28.6697, 0.3345, 0.3631



28.6697, 0.2824, 0.3298



28.6697, 0.2906, 0.2965



28.6697, 0.3438, 0.3270

Rectangle

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



28.6697, 0.3345, 0.3631



28.6697, 0.3030, 0.3524



28.6697, 0.2906, 0.2965



28.6697, 0.3218, 0.3072

Sweetspot

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



28.6710, 0.3345, 0.3631



51.7729, 0.3186, 0.3382



22.7498, 0.3382, 0.3272



11.8002, 0.3196, 0.3398



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.



28.6710, 0.3345, 0.3631



50.2330, 0.3398, 0.3713



28.0967, 0.3236, 0.3659



6.7003, 0.3260, 0.3499



21.7419, 0.4272, 0.4990



0.2773, 0.4229, 0.5024

Inverse Universe

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



21.7475, 0.2896, 0.2925



35.5059, 0.2836, 0.2829



22.2828, 0.3005, 0.2919



5.6724, 0.2989, 0.3072



1.9611, 0.1511, 0.0640



0.0323, 0.1564, 0.0831

Previews

White Background



This preview shows how the Yxy color 28.6697, 0.3345, 0.3631 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 28.6697, 0.3345, 0.3631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

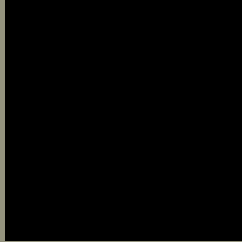
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.6697, 0.3345, 0.3631

Background



This preview shows how black text looks on a background with the Yxy color 28.6697, 0.3345, 0.3631.



This preview shows how white text looks on a background with the Yxy color 28.6697, 0.3345, 0.3631.

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

28.6697, 0.3345, 0.3631

Protanopia

28.5038, 0.3415, 0.3610

Deuteranopia

28.5040, 0.3568, 0.3489



Tritanopia

28.6534, 0.3114, 0.3120

Trichromacy



Original Color

28.6697, 0.3345, 0.3631

Protanomaly

28.6177, 0.3390, 0.3628

Deuteranomaly

28.6508, 0.3479, 0.3540

Tritanomaly

28.5394, 0.3202, 0.3290

Monochromacy



Original Color

28.6697, 0.3345, 0.3631

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

28.5037, 0.3205, 0.3419

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.6697, 0.3345, 0.3631 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(148, 147, 126)` looks like.

```
.text, #text, p{  
    color:rgb(148, 147, 126)  
}
```

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(148, 147, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 147, 126) }
```

Border

The CSS property to change the border of an element to Yxy 28.6697, 0.3345, 0.3631 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(148, 147, 126) }
```

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

```
.border{ border-color:rgb(148, 147, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 147, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 147, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 147, 126);  
box-shadow:4px 4px 4px 4px rgb(148, 147,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 28.6697, 0.3345, 0.3631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 147, 126) }
```

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

```
.background{ background-color: rgb(148,  
147, 126) }
```

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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