

Converting Colors

$Y_{xy}(28.1233, 0.3467, 0.3523)$

Have a look what the booklet for
Yxy(28.1233, 0.3467, 0.3523)
contains.

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Color

Yxy(28.2492, 0.3470, 0.3526)

Conversions

Conversions Part 1

Format	Color
Hex	9F8E7F
RGB	159, 142, 127
RGB Percent	62%, 56%, 50%
CMY	0.3765, 0.4431, 0.5019
CMYK	0.00, 0.11, 0.20, 0.38
HSL	28°, 14%, 56%
HSV	28°, 20%, 62%
XYZ	27.8005, 28.2492, 24.0671
YIQ	145.3730, 14.9470, -1.0610

Conversions

Conversions Part 2

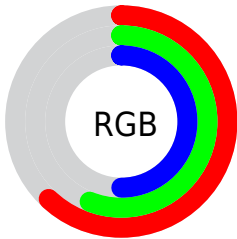
Format	Color
R_{YB}	159, 155, 127
Decimal	10456703
CIE _{Lab}	60.11, 3.83, 10.30
CIE _{LCh}	60, 10.992, 69.627
Yxy	28.2492, 0.3470, 0.3526
Android (android.graphics.Color)	4288646783 (0xFF9F8E7F)
YUV	145.3730, -9.0579, 11.9509
Hunter-Lab	53.1500, 0.3535, 10.3576

Details

The Yxy color **28.2492, 0.3470, 0.3526** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.9581, 0.2819, 0.3042**, and the grayscale version is **28.5083, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.0713, 0.3396, 0.3479**, and **11.3302, 0.3588, 0.3609** is the 20% darker color. If you saturate the color by 10%, you get **25.4502, 0.3677, 0.3650**, and if you desaturate by 10%, it is **31.3064, 0.3288, 0.3405**.

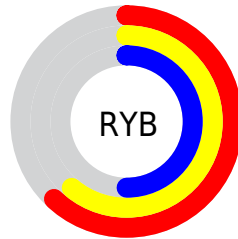
Distribution



Red (62%)

Green (56%)

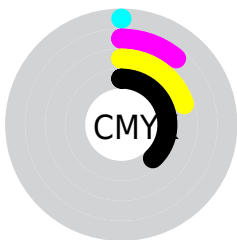
Blue (50%)



Red (62%)

Yellow (61%)

Blue (50%)

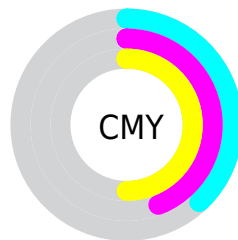


Cyan (0%)

Magenta (11%)

Yellow (20%)

Black (38%)



Cyan (38%)


Magenta (44%)

Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.2492, 0.3470, 0.3526 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 28.2492, 0.3470, 0.3526 by changing the saturation by 10% instead.


 28.2492, 0.3470,
0.3526


 28.2492, 0.3470,
0.3526


293.6558, 0.3284,
0.3400


 18.5136, 0.3522,
0.3560


 56.8821, 0.3398,
0.3478

 11.3193, 0.3593,
0.3606


 76.5481, 0.3373,
0.3461

 6.2821, 0.3694,
0.3671


 100.2931, 0.3351,
0.3446

 3.0173, 0.3850,
0.3766

128.5014, 0.3333,
0.3434

 1.1408, 0.4223,
0.4020

161.5574, 0.3318,
0.3424

 0.0125, 0.8937,
0.1063

199.8455, 0.3305,

 0.0000, 0.0000,

0.3415

0.0000

243.7502, 0.3294,
0.3407

■ 28.2492, 0.3470,
0.3526

■ 28.2492, 0.3470,
0.3526

■ 25.4502, 0.3677,
0.3650

■ 31.3064, 0.3288,
0.3405

■ 22.8984, 0.3910,
0.3775

■ 34.6250, 0.3129,
0.3291

■ 20.5874, 0.4167,
0.3892

■ 38.2128, 0.2991,
0.3185

■ 18.5092, 0.4443,
0.3993

■ 42.0762, 0.2871,
0.3086

■ 16.6549, 0.4727,
0.4067

■ 46.2214, 0.2766,
0.2996

■ 15.0153, 0.5005,
0.4101

■ 50.6542, 0.2676,
0.2913

■ 13.5799, 0.5258,
0.4086

■ 55.3804, 0.2596,
0.2837

■ 12.3443, 0.5480,
0.4031

■ 60.4055, 0.2527,
0.2768

■ 64.7242, 0.2538,
0.2861

Harmonies

Analogous

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



28.2492, 0.3478, 0.3390



28.2492, 0.3470, 0.3526



28.2492, 0.3367, 0.3603

Triad

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



28.2492, 0.3470, 0.3526



28.2492, 0.2870, 0.3339



28.2492, 0.3045, 0.3006

Complementary

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



28.2492, 0.3470, 0.3526



26.9581, 0.2819, 0.3042

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.



28.2492, 0.2887, 0.2987



28.2492, 0.3470, 0.3526



28.2492, 0.2788, 0.3173

Square

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



28.2492, 0.3470, 0.3526



28.2492, 0.3020, 0.3496



28.2492, 0.2795, 0.3045



28.2492, 0.3229, 0.3096

Rectangle

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



28.2492, 0.3470, 0.3526



28.2492, 0.3261, 0.3608



28.2492, 0.2795, 0.3045



28.2492, 0.2987, 0.2991

Sweetspot

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



28.2505, 0.3470, 0.3526



58.3973, 0.3222, 0.3359



24.5654, 0.3315, 0.3024



13.0857, 0.3231, 0.3366



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



28.2505, 0.3470, 0.3526



48.3693, 0.3557, 0.3580



33.3303, 0.3425, 0.3762



7.1334, 0.3273, 0.3395



9.8335, 0.5466, 0.4042



0.2599, 0.4865, 0.4519

Inverse Universe

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



26.9581, 0.2819, 0.3042



45.6393, 0.2750, 0.2981



22.4719, 0.2802, 0.2769



6.9890, 0.2988, 0.3183



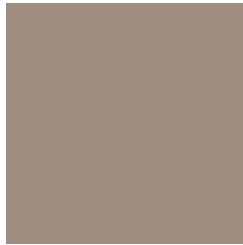
7.1215, 0.1810, 0.1715



0.2117, 0.1999, 0.2397

Previews

White Background



This preview shows how the Yxy color 28.2492, 0.3470, 0.3526 looks on a white background.

Color Contrast Check

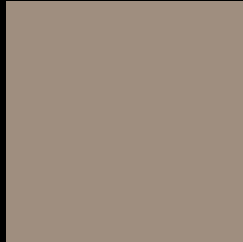
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.2492, 0.3470, 0.3526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

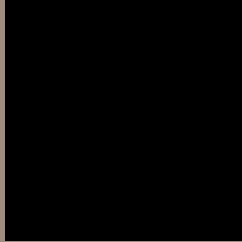
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.2492, 0.3470, 0.3526

Background



This preview shows how black text looks on a background with the Yxy color 28.2492, 0.3470, 0.3526.



This preview shows how white text looks on a background with the Yxy color 28.2492, 0.3470, 0.3526.

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

28.2492, 0.3470, 0.3526

Protanopia

28.3886, 0.3362, 0.3564

Deuteranopia

28.2878, 0.3545, 0.3491



Tritanopia

28.3486, 0.3266, 0.3124

Trichromacy



Original Color

28.2492, 0.3470, 0.3526

Protanomaly

28.3751, 0.3398, 0.3545

Deuteranomaly

28.3686, 0.3519, 0.3507

Tritanomaly

28.2862, 0.3337, 0.3260

Monochromacy



Original Color

28.2492, 0.3470, 0.3526

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

28.2655, 0.3251, 0.3386

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.2492, 0.3470, 0.3526 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(159, 142, 127)` looks like.

```
.text, #text, p{  
    color:rgb(159, 142, 127)  
}
```

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(159, 142, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 142, 127) }
```

Border

The CSS property to change the border of an element to Yxy 28.2492, 0.3470, 0.3526 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(159, 142, 127) }
```

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

```
.border{ border-color:rgb(159, 142, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 142, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 142, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 142, 127);  
box-shadow:4px 4px 4px 4px rgb(159, 142,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 28.2492, 0.3470, 0.3526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 142, 127) }
```

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

```
.background{ background-color: rgb(159,  
142, 127) }
```

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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