

Converting Colors

$Y_{xy}(28.2034, 0.3444, 0.3641)$

Have a look what the booklet for
Yxy(28.2034, 0.3444, 0.3641)
contains.

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Color

Yxy(28.1240, 0.3449, 0.3644)

Conversions

Conversions Part 1

Format	Color
Hex	99907A
RGB	153, 144, 122
RGB Percent	60%, 56%, 48%
CMY	0.4001, 0.4352, 0.5216
CMYK	0.00, 0.06, 0.20, 0.40
HSL	43°, 13%, 54%
HSV	43°, 20%, 60%
XYZ	26.6190, 28.1240, 22.4359
YIQ	144.1830, 12.4260, -4.9340

Conversions

Conversions Part 2

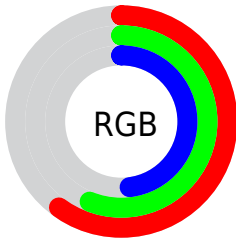
Format	Color
R_{YB}	135, 153, 122
Decimal	10063994
CIE _{Lab}	60.00, -0.46, 12.91
CIE _{LCh}	60, 12.914, 92.033
Yxy	28.1240, 0.3449, 0.3644
Android (android.graphics.Color)	4288254074 (0xFF99907A)
YUV	144.1830, -10.9362, 7.7325
Hunter-Lab	53.0321, -3.2095, 12.0390

Details

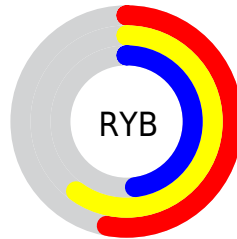
The Yxy color $28.1240, 0.3449, 0.3644$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $22.6571, 0.2810, 0.2909$, and the grayscale version is $28.0079, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.8541, 0.3389, 0.3578$, and $11.3112, 0.3571, 0.3781$ is the 20% darker color. If you saturate the color by 10%, you get $26.4610, 0.3627, 0.3826$, and if you desaturate by 10%, it is $29.9018, 0.3283, 0.3465$.

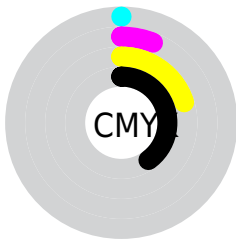
Distribution



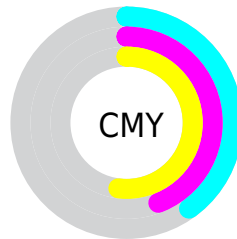
- Red (60%)
- Green (56%)
- Blue (48%)



- Red (53%)
- Yellow (60%)
- Blue (48%)



- Cyan (0%)
- Magenta (6%)
- Yellow (20%)
- Black (40%)





- Cyan (40%)
- Magenta (44%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.1240, 0.3449, 0.3644 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 28.1240, 0.3449, 0.3644 by changing the saturation by 10% instead.


 28.1240, 0.3449,
0.3644


 28.1240, 0.3449,
0.3644


293.0590, 0.3275,
0.3452


 18.4192, 0.3497,
0.3697


 56.6824, 0.3382,
0.3570

 11.2513, 0.3562,
0.3769


 76.3046, 0.3358,
0.3544

 6.2361, 0.3654,
0.3871


 100.0016, 0.3338,
0.3522

 2.9892, 0.3794,
0.4027

128.1575, 0.3322,
0.3504

 1.1261, 0.4252,
0.4529

161.1568, 0.3307,
0.3488

 0.0001, 0.0000,
1.0000

199.3838, 0.3295,

 0.0000, 0.0000,

0.3474

0.0000

243.2231, 0.3284,
0.3463

■ 28.1240, 0.3449,
0.3644

■ 28.1240, 0.3449,
0.3644

■ 26.4610, 0.3627,
0.3826

■ 29.9018, 0.3283,
0.3465

■ 24.9055, 0.3816,
0.4006

■ 31.7938, 0.3131,
0.3294

■ 23.4553, 0.4009,
0.4176

■ 33.8042, 0.2993,
0.3133

■ 22.1065, 0.4202,
0.4326

■ 35.9360, 0.2868,
0.2982

■ 20.8548, 0.4385,
0.4447

■ 38.1919, 0.2757,
0.2842

■ 19.6954, 0.4550,
0.4530

■ 40.5745, 0.2657,
0.2714

■ 18.6228, 0.4690,
0.4566

■ 43.0865, 0.2568,
0.2596

■ 17.6483, 0.4805,
0.4567

■ 45.7302, 0.2488,
0.2489

■ 48.2035, 0.2441,
0.2436

Harmonies

Analogous

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



28.1240, 0.3545, 0.3530



28.1240, 0.3449, 0.3644



28.1240, 0.3268, 0.3663

Triad

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



28.1240, 0.3449, 0.3644



28.1240, 0.2745, 0.3198



28.1240, 0.3192, 0.3030

Complementary

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



28.1240, 0.3449, 0.3644



22.6571, 0.2810, 0.2909

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.



28.1240, 0.2978, 0.2944



28.1240, 0.3449, 0.3644



28.1240, 0.2726, 0.3033

Square

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



28.1240, 0.3449, 0.3644



28.1240, 0.2863, 0.3398



28.1240, 0.2809, 0.2943



28.1240, 0.3394, 0.3180

Rectangle

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



28.1240, 0.3449, 0.3644



28.1240, 0.3124, 0.3614



28.1240, 0.2809, 0.2943



28.1240, 0.3118, 0.2993

Sweetspot

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



28.1253, 0.3449, 0.3644



54.9461, 0.3218, 0.3394



22.3342, 0.3402, 0.3139



12.0896, 0.3227, 0.3404



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



28.1253, 0.3449, 0.3644



49.1044, 0.3523, 0.3721



30.3616, 0.3357, 0.3790



6.9209, 0.3267, 0.3448



14.6504, 0.4800, 0.4571



0.2804, 0.4483, 0.4822

Inverse Universe

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



22.6571, 0.2810, 0.2909



37.6142, 0.2738, 0.2818



20.8210, 0.2867, 0.2759



6.3030, 0.2988, 0.3127



3.4571, 0.1614, 0.1009



0.1085, 0.1830, 0.1787

Previews

White Background



This preview shows how the Yxy color 28.1240, 0.3449, 0.3644 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 28.1240, 0.3449, 0.3644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

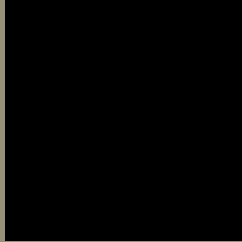
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

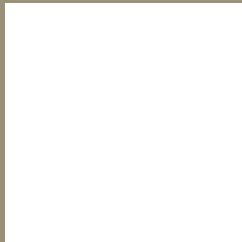
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 28.1240, 0.3449, 0.3644

Background



This preview shows how black text looks on a background with the Yxy color 28.1240, 0.3449, 0.3644.



This preview shows how white text looks on a background with the Yxy color 28.1240, 0.3449, 0.3644.

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

28.1240, 0.3449, 0.3644

Protanopia

28.0271, 0.3438, 0.3645

Deuteranopia

28.0023, 0.3604, 0.3537



Tritanopia

28.1586, 0.3200, 0.3121

Trichromacy



Original Color

28.1240, 0.3449, 0.3644

Protanomaly

28.0271, 0.3438, 0.3645

Deuteranomaly

28.0569, 0.3539, 0.3572

Tritanomaly

28.0111, 0.3301, 0.3306

Monochromacy



Original Color

28.1240, 0.3449, 0.3644

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.9271, 0.3239, 0.3420

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.1240, 0.3449, 0.3644 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(153, 144, 122)` looks like.

```
.text, #text, p{  
    color:rgb(153, 144, 122)  
}
```

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(153, 144, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 144, 122) }
```

Border

The CSS property to change the border of an element to Yxy 28.1240, 0.3449, 0.3644 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(153, 144, 122) }
```

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

```
.border{ border-color:rgb(153, 144, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 144, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 144, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 144, 122);  
box-shadow:4px 4px 4px 4px rgb(153, 144,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 28.1240, 0.3449, 0.3644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 144, 122) }
```

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

```
.background{ background-color: rgb(153,  
144, 122) }
```

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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