

Converting Colors

$Y_{xy}(28.1289, 0.3594, 0.3750)$

Have a look what the booklet for
Yxy(28.1289, 0.3594, 0.3750)
contains.

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Color

Yxy(28.1289, 0.3594, 0.3750)

Conversions

Conversions Part 1

Format	Color
Hex	9E8F72
RGB	158, 143, 114
RGB Percent	62%, 56%, 45%
CMY	0.3804, 0.4392, 0.5530
CMYK	0.00, 0.09, 0.28, 0.38
HSL	40°, 18%, 53%
HSV	40°, 28%, 62%
XYZ	26.9587, 28.1289, 19.9228
YIQ	144.1790, 18.2490, -5.8390

Conversions

Conversions Part 2

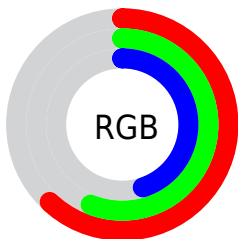
Format	Color
R_{YB}	137, 158, 114
Decimal	10391410
CIE Lab	60.01, 0.91, 17.50
CIE LCh	60, 17.524, 87.028
Yxy	28.1289, 0.3594, 0.3750
Android (android.graphics.Color)	4288581490 (0xFF9E8F72)
YUV	144.1790, -14.8782, 12.1210
Hunter-Lab	53.0367, -2.0820, 14.8539

Details

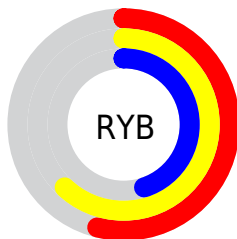
The Yxy color $28.1289, 0.3594, 0.3750$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $21.7378, 0.2682, 0.2782$, and the grayscale version is $28.0213, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.8318, 0.3496, 0.3659$, and $11.2862, 0.3753, 0.3907$ is the 20% darker color. If you saturate the color by 10%, you get $26.2239, 0.3789, 0.3920$, and if you desaturate by 10%, it is $30.1761, 0.3413, 0.3580$.

Distribution



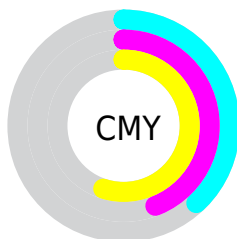
- Red (62%)
- Green (56%)
- Blue (45%)



- Red (54%)
- Yellow (62%)
- Blue (45%)



- Cyan (0%)
- Magenta (9%)
- Yellow (28%)
- Black (38%)





- Cyan (38%)
- Magenta (44%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.1289, 0.3594, 0.3750 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 28.1289, 0.3594, 0.3750 by changing the saturation by 10% instead.


 28.1289, 0.3594,
0.3750


 28.1289, 0.3594,
0.3750


293.0823, 0.3342,
0.3502


 18.4228, 0.3663,
0.3818


 56.6902, 0.3498,
0.3656


 11.2540, 0.3757,
0.3908


 76.3142, 0.3463,
0.3622

 6.2379, 0.3887,
0.4034


 100.0130, 0.3434,
0.3593

 2.9903, 0.4081,
0.4219

 128.1709, 0.3410,
0.3569

 1.1267, 0.4934,
0.5066

161.1724, 0.3389,
0.3549

 0.0006, 0.9761,
0.0239

199.4019, 0.3371,

 0.0000, 0.0000,

0.3531

0.0000

243.2438, 0.3355,
0.3516

■ 28.1289, 0.3594,
0.3750

■ 28.1289, 0.3594,
0.3750

■ 26.2239, 0.3789,
0.3920

■ 30.1761, 0.3413,
0.3580

■ 24.4530, 0.3994,
0.4083

■ 32.3657, 0.3246,
0.3415

■ 22.8129, 0.4203,
0.4229

■ 34.7028, 0.3096,
0.3257

■ 21.2986, 0.4409,
0.4350

■ 37.1910, 0.2961,
0.3109

■ 19.9047, 0.4601,
0.4432

■ 39.8337, 0.2841,
0.2972

■ 18.6249, 0.4769,
0.4470

■ 42.6343, 0.2734,
0.2845

■ 17.4492, 0.4911,
0.4462

■ 45.5961, 0.2639,
0.2729

■ 17.2075, 0.4941,
0.4459

■ 48.7220, 0.2554,
0.2622

■ 51.9390, 0.2485,
0.2537

Harmonies

Analogous

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



28.1289, 0.3703, 0.3574



28.1289, 0.3594, 0.3750



28.1289, 0.3361, 0.3807

Triad

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



28.1289, 0.3594, 0.3750



28.1289, 0.2631, 0.3204



28.1289, 0.3162, 0.2917

Complementary

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



28.1289, 0.3594, 0.3750



21.7378, 0.2682, 0.2782

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.



28.1289, 0.2879, 0.2819



28.1289, 0.3594, 0.3750



28.1289, 0.2583, 0.2969

Square

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



28.1289, 0.3594, 0.3750



28.1289, 0.2806, 0.3481



28.1289, 0.2671, 0.2834



28.1289, 0.3448, 0.3103

Rectangle

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



28.1289, 0.3594, 0.3750



28.1289, 0.3169, 0.3759



28.1289, 0.2671, 0.2834



28.1289, 0.3064, 0.2873

Sweetspot

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



28.1302, 0.3594, 0.3750



58.6568, 0.3251, 0.3419



20.8948, 0.3510, 0.3043



13.0913, 0.3274, 0.3443



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.



28.1302, 0.3594, 0.3750



49.0533, 0.3705, 0.3849



32.2837, 0.3467, 0.3983



7.3395, 0.3269, 0.3437



13.8573, 0.4933, 0.4465



0.3231, 0.4577, 0.4748

Inverse Universe

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



21.7378, 0.2682, 0.2782



35.6198, 0.2582, 0.2658



18.5344, 0.2726, 0.2525



6.7862, 0.2988, 0.3138



4.1430, 0.1648, 0.1133



0.1485, 0.1864, 0.1909

Previews

White Background



This preview shows how the Yxy color 28.1289, 0.3594, 0.3750 looks on a white background.

Color Contrast Check

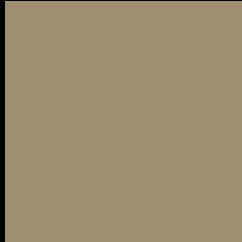
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.1289, 0.3594, 0.3750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

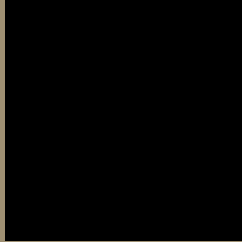
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.1289, 0.3594, 0.3750

Background



This preview shows how black text looks on a background with the Yxy color 28.1289, 0.3594, 0.3750.



This preview shows how white text looks on a background with the Yxy color 28.1289, 0.3594, 0.3750.

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

28.1289, 0.3594, 0.3750

Protanopia

28.0543, 0.3534, 0.3756

Deuteranopia

28.1381, 0.3728, 0.3656



Tritanopia

28.0283, 0.3278, 0.3123

Trichromacy



Original Color

28.1289, 0.3594, 0.3750

Protanomaly

28.1529, 0.3545, 0.3754

Deuteranomaly

27.9933, 0.3677, 0.3677

Tritanomaly

28.1108, 0.3401, 0.3353

Monochromacy



Original Color

28.1289, 0.3594, 0.3750

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

28.0295, 0.3291, 0.3468

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.1289, 0.3594, 0.3750 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(158, 143, 114)` looks like.

```
.text, #text, p{  
    color:rgb(158, 143, 114)  
}
```

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(158, 143, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 143, 114) }
```

Border

The CSS property to change the border of an element to Yxy 28.1289, 0.3594, 0.3750 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(158, 143, 114) }
```

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

```
.border{ border-color:rgb(158, 143, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 143, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 143, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 143, 114);  
box-shadow:4px 4px 4px 4px rgb(158, 143,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 28.1289, 0.3594, 0.3750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 143, 114) }
```

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

```
.background{ background-color: rgb(158,  
143, 114) }
```

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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