

Converting Colors

$Y_{xy}(28.1354, 0.3723, 0.3693)$

Have a look what the booklet for
Yxy(28.1354, 0.3723, 0.3693)
contains.

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Color

Yxy(28.1639, 0.3722, 0.3704)

Conversions

Conversions Part 1

Format	Color
Hex	A78C71
RGB	167, 140, 113
RGB Percent	65%, 55%, 44%
CMY	0.3450, 0.4510, 0.5568
CMYK	0.00, 0.16, 0.32, 0.34
HSL	30°, 23%, 55%
HSV	30°, 32%, 66%
XYZ	28.3008, 28.1639, 19.5718
YIQ	144.9950, 24.7590, -2.6730

Conversions

Conversions Part 2

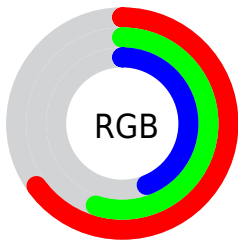
Format	Color
R_{YB}	167, 167, 113
Decimal	10980465
CIE _{Lab}	60.04, 6.14, 18.23
CIE _{LCh}	60, 19.231, 71.393
Yxy	28.1639, 0.3722, 0.3704
Android (android.graphics.Color)	4289170545 (0xFFA78C71)
YUV	144.9950, -15.7735, 19.2984
Hunter-Lab	53.0697, 2.3178, 15.2830

Details

The Yxy color $28.1639, 0.3722, 0.3704$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $25.0759, 0.2620, 0.2835$, and the grayscale version is $28.3731, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.9882, 0.3597, 0.3627$, and $11.2714, 0.3930, 0.3835$ is the 20% darker color. If you saturate the color by 10%, you get $25.4715, 0.3955, 0.3835$, and if you desaturate by 10%, it is $31.1139, 0.3512, 0.3571$.

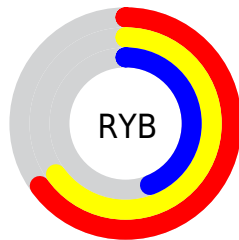
Distribution



Red (65%)

Green (55%)

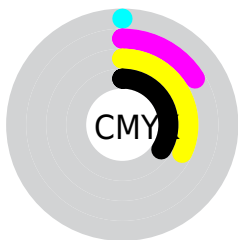
Blue (44%)



Red (65%)

Yellow (65%)

Blue (44%)

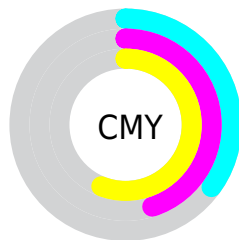


Cyan (0%)

Magenta (16%)

Yellow (32%)

Black (34%)



Cyan (35%)


Magenta (45%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.1639, 0.3722, 0.3704 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 28.1639, 0.3722, 0.3704 by changing the saturation by 10% instead.


 28.1639, 0.3722,
0.3704

 28.1639, 0.3722,
0.3704


293.2493, 0.3399,
0.3486


 18.4492, 0.3812,
0.3762


 56.7460, 0.3598,
0.3622

 11.2730, 0.3932,
0.3837


 76.3823, 0.3554,
0.3592

 6.2508, 0.4101,
0.3938


 100.0945, 0.3517,
0.3567

 2.9982, 0.4354,
0.4079

 128.2671, 0.3486,
0.3546

 1.1308, 0.5272,
0.4728

161.2845, 0.3459,
0.3528

 0.0040, 0.9744,
0.0256

199.5311, 0.3436,

 0.0000, 0.0000,

0.3512

0.0000

243.3912, 0.3416,
0.3498

■ 28.1639, 0.3722,
0.3704

■ 28.1639, 0.3722,
0.3704

■ 25.4715, 0.3955,
0.3835

■ 31.1139, 0.3512,
0.3571

■ 23.0248, 0.4209,
0.3957

■ 34.3250, 0.3326,
0.3441

■ 20.8168, 0.4478,
0.4060

■ 37.8058, 0.3162,
0.3318

■ 18.8384, 0.4749,
0.4132

■ 41.5629, 0.3019,
0.3202

■ 17.0797, 0.5008,
0.4161

■ 45.6030, 0.2895,
0.3095

■ 15.5296, 0.5239,
0.4139

■ 49.9322, 0.2786,
0.2996

■ 14.4690, 0.5398,
0.4096

■ 54.5568, 0.2691,
0.2905

■ 59.4826, 0.2608,
0.2823

■ 64.1661, 0.2577,
0.2834

Harmonies

Analogous

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



28.1639, 0.3751, 0.3468



28.1639, 0.3722, 0.3704



28.1639, 0.3528, 0.3844

Triad

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



28.1639, 0.3722, 0.3704



28.1639, 0.2668, 0.3353



28.1639, 0.2997, 0.2813

Complementary

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



28.1639, 0.3722, 0.3704



25.0759, 0.2620, 0.2835

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.



28.1639, 0.2723, 0.2768



28.1639, 0.3722, 0.3704



28.1639, 0.2541, 0.3060

Square

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



28.1639, 0.3722, 0.3704



28.1639, 0.2918, 0.3645



28.1639, 0.2561, 0.2851



28.1639, 0.3321, 0.2970

Rectangle

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



28.1639, 0.3722, 0.3704



28.1639, 0.3337, 0.3854



28.1639, 0.2561, 0.2851



28.1639, 0.2897, 0.2784

Sweetspot

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



28.1652, 0.3722, 0.3704



62.7511, 0.3289, 0.3414



21.9537, 0.3479, 0.2866



13.8592, 0.3312, 0.3431



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



28.1652, 0.3722, 0.3704



46.8247, 0.3892, 0.3801



36.7320, 0.3608, 0.4067



8.1380, 0.3274, 0.3403



11.1654, 0.5383, 0.4107



0.3741, 0.4894, 0.4496

Inverse Universe

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



25.0759, 0.2620, 0.2835



40.3993, 0.2502, 0.2712



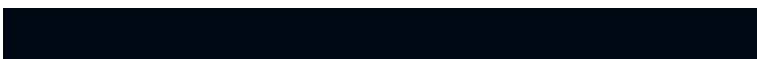
18.3188, 0.2565, 0.2373



7.8978, 0.2987, 0.3174



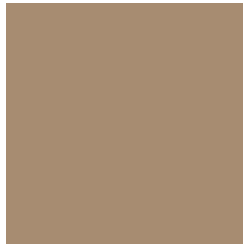
7.0379, 0.1780, 0.1609



0.2736, 0.1949, 0.2215

Previews

White Background



This preview shows how the Yxy color 28.1639, 0.3722, 0.3704 looks on a white background.

Color Contrast Check

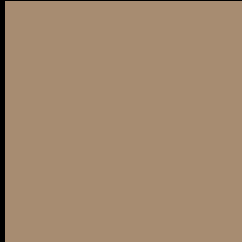
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.1639, 0.3722, 0.3704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

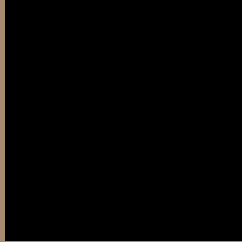
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.1639, 0.3722, 0.3704

Background



This preview shows how black text looks on a background with the Yxy color 28.1639, 0.3722, 0.3704.



This preview shows how white text looks on a background with the Yxy color 28.1639, 0.3722, 0.3704.

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

28.1639, 0.3722, 0.3704

Protanopia

28.3586, 0.3530, 0.3771

Deuteranopia

28.0925, 0.3750, 0.3686



Tritanopia

28.0612, 0.3416, 0.3128

Trichromacy



Original Color

28.1639, 0.3722, 0.3704

Protanomaly

28.2308, 0.3605, 0.3748

Deuteranomaly

27.9823, 0.3738, 0.3688

Tritanomaly

28.1586, 0.3534, 0.3336

Monochromacy



Original Color

28.1639, 0.3722, 0.3704

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

28.1107, 0.3337, 0.3450

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.1639, 0.3722, 0.3704 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(167, 140, 113)` looks like.

```
.text, #text, p{  
    color:rgb(167, 140, 113)  
}
```

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(167, 140, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 140, 113) }
```

Border

The CSS property to change the border of an element to Yxy 28.1639, 0.3722, 0.3704 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(167, 140, 113) }
```

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

```
.border{ border-color:rgb(167, 140, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 140, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 140, 113); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 140, 113); box-shadow:4px 4px 4px 4px rgb(167, 140, 113) }
```


Background

The CSS property to change the background color of an element to Yxy 28.1639, 0.3722, 0.3704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 140, 113) }
```

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

```
.background{ background-color: rgb(167,  
140, 113) }
```

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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