

Converting Colors

$Yxy(36.9752, 0.3472, 0.3565)$

Have a look what the booklet for
Yxy(36.9752, 0.3472, 0.3565)
contains.

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Color

Yxy(36.9077, 0.3470, 0.3559)

Conversions

Conversions Part 1

Format	Color
Hex	B2A18E
RGB	178, 161, 142
RGB Percent	70%, 63%, 56%
CMY	0.3020, 0.3686, 0.4432
CMYK	0.00, 0.10, 0.20, 0.30
HSL	32°, 19%, 63%
HSV	32°, 20%, 70%
XYZ	35.9847, 36.9077, 30.8100
YIQ	163.9170, 16.2310, -2.3050

Conversions

Conversions Part 2

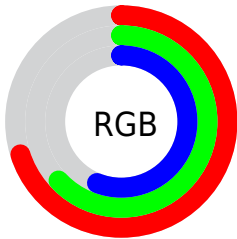
Format	Color
RYB	174, 178, 142
Decimal	11706766
CIELab	67.21, 3.06, 12.16
CIELCh	67, 12.538, 75.881
Yxy	36.9077, 0.3470, 0.3559
Android (android.graphics.Color)	4289896846 (0xFFB2A18E)
YUV	163.9170, -10.8051, 12.3508
Hunter-Lab	60.7517, -0.5855, 12.4575

Details

The Yxy color $36.9077, 0.3470, 0.3559$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $33.7465, 0.2812, 0.3005$, and the grayscale version is $37.1292, 0.3127, 0.3290$.

A 20% lighter version of the original color is $70.5897, 0.3401, 0.3507$, and $16.2845, 0.3573, 0.3645$ is the 20% darker color. If you saturate the color by 10%, you get $33.5805, 0.3673, 0.3700$, and if you desaturate by 10%, it is $40.5205, 0.3290, 0.3423$.

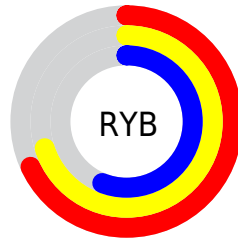
Distribution



Red (70%)

Green (63%)

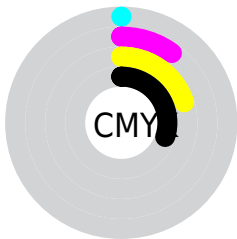
Blue (56%)



Red (68%)

Yellow (70%)

Blue (56%)

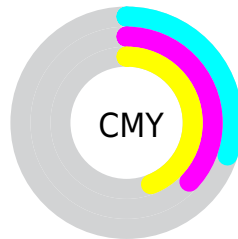


Cyan (0%)

Magenta (10%)

Yellow (20%)

Black (30%)



Cyan (30%)

Magenta (37%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.9077, 0.3470, 0.3559 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 36.9077, 0.3470, 0.3559 by changing the saturation by 10% instead.


 36.9077, 0.3470,
0.3559


 36.9077, 0.3470,
0.3559


332.9107, 0.3291,
0.3421


 25.1360, 0.3517,
0.3595


 70.4308, 0.3403,
0.3508

 16.1784, 0.3579,
0.3641


 92.9510, 0.3379,
0.3489

 9.6505, 0.3663,
0.3704


 119.8229, 0.3358,
0.3473

 5.1679, 0.3786,
0.3794

151.4308, 0.3341,
0.3459

 2.3461, 0.3980,
0.3930

188.1592, 0.3326,
0.3448

 0.7979, 0.5050,
0.4837

230.3923, 0.3313,

 0.0000, 0.0000,

0.3438

0.0000

278.5147, 0.3301,
0.3429

■ 36.9077, 0.3470,
0.3559

■ 36.9077, 0.3470,
0.3559

■ 33.5805, 0.3673,
0.3700

■ 40.5205, 0.3290,
0.3423

■ 30.5262, 0.3897,
0.3839

■ 44.4215, 0.3131,
0.3293

■ 27.7380, 0.4141,
0.3971

■ 48.6196, 0.2991,
0.3172

■ 25.2071, 0.4398,
0.4085

■ 53.1216, 0.2869,
0.3059

■ 22.9240, 0.4658,
0.4170

■ 57.9341, 0.2762,
0.2956

■ 20.8782, 0.4907,
0.4214

■ 63.0635, 0.2668,
0.2862

■ 19.0580, 0.5130,
0.4207

■ 67.7481, 0.2646,
0.2894

■ 17.4789, 0.5320,
0.4158

■ 72.2593, 0.2657,
0.2991

■ 76.9948, 0.2668,
0.3086

Harmonies

Analogous

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



36.9077, 0.3501, 0.3427



36.9077, 0.3470, 0.3559



36.9077, 0.3346, 0.3623

Triad

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



36.9077, 0.3470, 0.3559



36.9077, 0.2834, 0.3304



36.9077, 0.3080, 0.3009

Complementary

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



36.9077, 0.3470, 0.3559



33.7465, 0.2812, 0.3005

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.



36.9077, 0.2906, 0.2972



36.9077, 0.3470, 0.3559



36.9077, 0.2768, 0.3135

Square

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



36.9077, 0.3470, 0.3559



36.9077, 0.2978, 0.3475



36.9077, 0.2793, 0.3016



36.9077, 0.3272, 0.3115

Rectangle

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



36.9077, 0.3470, 0.3559



36.9077, 0.3228, 0.3614



36.9077, 0.2793, 0.3016



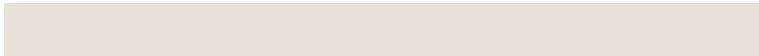
36.9077, 0.3018, 0.2988

Sweetspot

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



36.9094, 0.3470, 0.3559



76.3453, 0.3222, 0.3368



31.3206, 0.3337, 0.3045



16.8147, 0.3232, 0.3376



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



36.9094, 0.3470, 0.3559



64.3527, 0.3552, 0.3618



43.1833, 0.3421, 0.3786



9.2237, 0.3274, 0.3410



12.6344, 0.5304, 0.4171



0.5132, 0.4916, 0.4478

Inverse Universe

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



33.7465, 0.2812, 0.3005



57.6344, 0.2744, 0.2939



28.3562, 0.2801, 0.2743



8.8690, 0.2985, 0.3167



6.9545, 0.1753, 0.1509



0.3359, 0.1901, 0.2042

Previews

White Background



This preview shows how the Yxy color 36.9077, 0.3470, 0.3559 looks on a white background.

Color Contrast Check

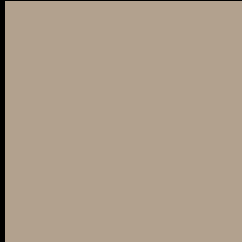
Large Text (above 18pt) WCAG AA × Fail

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 36.9077, 0.3470, 0.3559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

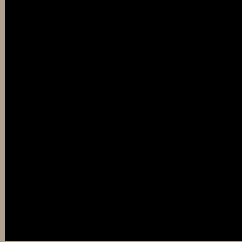
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

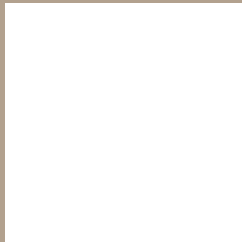
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 36.9077, 0.3470, 0.3559

Background



This preview shows how black text looks on a background with the Yxy color 36.9077, 0.3470, 0.3559.



This preview shows how white text looks on a background with the Yxy color 36.9077, 0.3470, 0.3559.

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

36.9077, 0.3470, 0.3559

Protanopia

36.8355, 0.3385, 0.3578

Deuteranopia

37.0017, 0.3561, 0.3497



Tritanopia

36.8023, 0.3252, 0.3127

Trichromacy



Original Color

36.9077, 0.3470, 0.3559

Protanomaly

36.8225, 0.3418, 0.3562

Deuteranomaly

36.9698, 0.3527, 0.3512

Tritanomaly

36.6602, 0.3335, 0.3277

Monochromacy



Original Color

36.9077, 0.3470, 0.3559

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

37.0297, 0.3247, 0.3390

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.9077, 0.3470, 0.3559 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(178, 161, 142)` looks like.

```
.text, #text, p{  
    color:rgb(178, 161, 142)  
}
```

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(178, 161, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 161, 142) }
```

Border

The CSS property to change the border of an element to Yxy 36.9077, 0.3470, 0.3559 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(178, 161, 142) }
```

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

```
.border{ border-color:rgb(178, 161, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 161, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 161, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 161, 142);  
box-shadow:4px 4px 4px 4px rgb(178, 161,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 36.9077, 0.3470, 0.3559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 161, 142) }
```

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

```
.background{ background-color: rgb(178,  
161, 142) }
```

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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