

Converting Colors

Yxy(36.4435, 0.3449, 0.3558)

Have a look what the booklet for
Yxy(36.4435, 0.3449, 0.3558)
contains.

Yxy(36.6728, 0.3450, 0.3560)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(36.6728, 0.3450, 0.3560)

Conversions

Conversions Part 1

Format	Color
Hex	B0A18E
RGB	176, 161, 142
RGB Percent	69%, 63%, 56%
CMY	0.3096, 0.3687, 0.4431
CMYK	0.00, 0.09, 0.19, 0.31
HSL	33°, 18%, 62%
HSV	33°, 19%, 69%
XYZ	35.5397, 36.6728, 30.8010
YIQ	163.3190, 15.0390, -2.7290

Conversions

Conversions Part 2

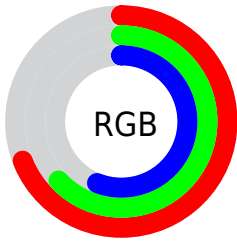
Format	Color
R _Y B	169, 176, 142
Decimal	11575694
CIE Lab	67.03, 2.32, 11.87
CIE LCh	67, 12.092, 78.922
Yxy	36.6728, 0.3450, 0.3560
Android (android.graphics.Color)	4289765774 (0xFFB0A18E)
YUV	163.3190, -10.5103, 11.1212
Hunter-Lab	60.5581, -1.2205, 12.2346

Details

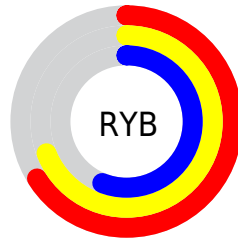
The Yxy color **36.6728, 0.3450, 0.3560** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.0246, 0.2826, 0.3004**, and the grayscale version is **36.8331, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.2531, 0.3385, 0.3508**, and **16.1355, 0.3545, 0.3649** is the 20% darker color. If you saturate the color by 10%, you get **33.5492, 0.3647, 0.3707**, and if you desaturate by 10%, it is **40.0527, 0.3274, 0.3417**.

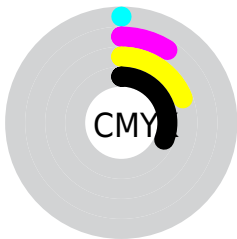
Distribution



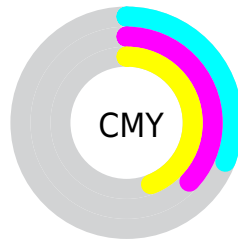
- Red (69%)
- Green (63%)
- Blue (56%)



- Red (66%)
- Yellow (69%)
- Blue (56%)



- Cyan (0%)
- Magenta (9%)
- Yellow (19%)
- Black (31%)



- Cyan (31%)
- Magenta (37%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.6728, 0.3450, 0.3560 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 36.6728, 0.3450, 0.3560 by changing the saturation by 10% instead.

36.6728, 0.3450,
0.3560

36.6728, 0.3450,
0.3560

331.8918, 0.3282,
0.3421

24.9543, 0.3494,
0.3596

70.0693, 0.3387,
0.3508

16.0430, 0.3552,
0.3643

92.5160, 0.3364,
0.3489

9.5546, 0.3632,
0.3707

119.3075, 0.3345,
0.3473

5.1046, 0.3748,
0.3799

150.8283, 0.3328,
0.3460

2.3088, 0.3931,
0.3940

187.4627, 0.3314,
0.3448

0.7784, 0.5001,
0.4887

229.5952, 0.3302,

0.0000, 0.0000,

0.3438

0.0000

277.6101, 0.3291,
0.3429

■ 36.6728, 0.3450,
0.3560

■ 36.6728, 0.3450,
0.3560

■ 33.5492, 0.3647,
0.3707

■ 40.0527, 0.3274,
0.3417

■ 30.6701, 0.3864,
0.3854

■ 43.6907, 0.3117,
0.3281

■ 28.0297, 0.4098,
0.3994

■ 47.5947, 0.2979,
0.3154

■ 25.6202, 0.4344,
0.4117

■ 51.7708, 0.2858,
0.3036

■ 23.4331, 0.4591,
0.4211

■ 56.2249, 0.2752,
0.2928

■ 21.4592, 0.4827,
0.4266

■ 60.9626, 0.2658,
0.2829

■ 19.6880, 0.5039,
0.4270

■ 65.3120, 0.2629,
0.2843

■ 18.1026, 0.5222,
0.4229

■ 69.3852, 0.2639,
0.2934

■ 18.0019, 0.5234,
0.4226

■ 73.6500, 0.2650,
0.3023

Harmonies

Analogous

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



36.6728, 0.3490, 0.3438



36.6728, 0.3450, 0.3560



36.6728, 0.3323, 0.3613

Triad

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



36.6728, 0.3450, 0.3560



36.6728, 0.2833, 0.3286



36.6728, 0.3101, 0.3025

Complementary

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



36.6728, 0.3450, 0.3560



33.0246, 0.2826, 0.3004

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.



36.6728, 0.2929, 0.2982



36.6728, 0.3450, 0.3560



36.6728, 0.2778, 0.3126

Square

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



36.6728, 0.3450, 0.3560



36.6728, 0.2967, 0.3453



36.6728, 0.2812, 0.3017



36.6728, 0.3285, 0.3134

Rectangle

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



36.6728, 0.3450, 0.3560



36.6728, 0.3207, 0.3598



36.6728, 0.2812, 0.3017



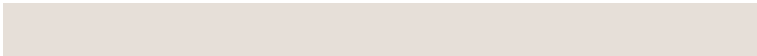
36.6728, 0.3040, 0.3003

Sweetspot

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



36.6744, 0.3450, 0.3560



74.6783, 0.3221, 0.3372



31.0303, 0.3337, 0.3073



16.0954, 0.3231, 0.3381



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



36.6744, 0.3450, 0.3560



64.1181, 0.3528, 0.3620



42.0589, 0.3397, 0.3765



9.2649, 0.3274, 0.3417



13.3195, 0.5220, 0.4237



0.5331, 0.4862, 0.4521

Inverse Universe

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



33.0246, 0.2826, 0.3004



56.3376, 0.2760, 0.2936



28.3896, 0.2829, 0.2772



8.8283, 0.2985, 0.3160



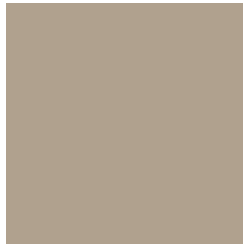
6.3958, 0.1727, 0.1416



0.3182, 0.1881, 0.1969

Previews

White Background



This preview shows how the Yxy color 36.6728, 0.3450, 0.3560 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 36.6728, 0.3450, 0.3560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

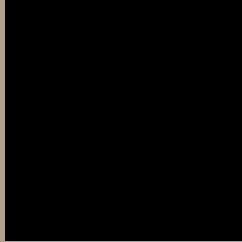
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

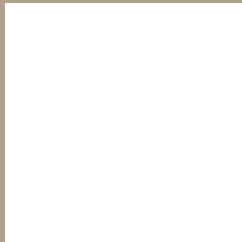
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 36.6728, 0.3450, 0.3560

Background



This preview shows how black text looks on a background with the Yxy color 36.6728, 0.3450, 0.3560.



This preview shows how white text looks on a background with the Yxy color 36.6728, 0.3450, 0.3560.

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

36.6728, 0.3450, 0.3560

Protanopia

36.8355, 0.3385, 0.3578

Deuteranopia

36.5362, 0.3553, 0.3484



Tritanopia

36.6818, 0.3242, 0.3126

Trichromacy



Original Color

36.6728, 0.3450, 0.3560

Protanomaly

36.7081, 0.3408, 0.3562

Deuteranomaly

36.3820, 0.3509, 0.3500

Tritanomaly

36.5406, 0.3325, 0.3277

Monochromacy



Original Color

36.6728, 0.3450, 0.3560

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.5320, 0.3247, 0.3391

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.6728, 0.3450, 0.3560 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(176, 161, 142)` looks like.

```
.text, #text, p{  
    color:rgb(176, 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(176, 161, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 161, 142) }
```

Border

The CSS property to change the border of an element to Yxy 36.6728, 0.3450, 0.3560 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(176, 161, 142) }
```

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

```
.border{ border-color:rgb(176, 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(176, 161, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 161, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 161, 142);  
box-shadow:4px 4px 4px 4px rgb(176, 161,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 36.6728, 0.3450, 0.3560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 161, 142) }
```

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

```
.background{ background-color: rgb(176,  
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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