

Converting Colors

Yxy(36.2449, 0.3391, 0.3656)

Have a look what the booklet for
Yxy(36.2449, 0.3391, 0.3656)
contains.

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Color

Yxy(36.2449, 0.3391, 0.3656)

Conversions

Conversions Part 1

Format	Color
Hex	A7A38A
RGB	167, 163, 138
RGB Percent	65%, 64%, 54%
CMY	0.3452, 0.3607, 0.4587
CMYK	0.00, 0.02, 0.17, 0.35
HSL	52°, 14%, 60%
HSV	52°, 17%, 65%
XYZ	33.6177, 36.2449, 29.2755
YIQ	161.3460, 10.4090, -6.9270

Conversions

Conversions Part 2

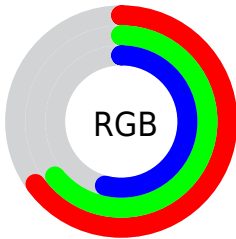
Format	Color
RYB	143, 167, 138
Decimal	10986378
CIELab	66.71, -2.89, 13.51
CIElCh	67, 13.818, 102.086
Yxy	36.2449, 0.3391, 0.3656
Android (android.graphics.Color)	4289176458 (0xFFA7A38A)
YUV	161.3460, -11.5096, 4.9586
Hunter-Lab	60.2037, -5.6822, 13.3115

Details

The Yxy color **36.2449, 0.3391, 0.3656** is a light color, and the websafe version is hex **999999**. A complement of this color would be **27.5342, 0.2853, 0.2896**, and the grayscale version is **35.8607, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.4340, 0.3342, 0.3592**, and **15.7183, 0.3478, 0.3766** is the 20% darker color. If you saturate the color by 10%, you get **34.9952, 0.3553, 0.3873**, and if you desaturate by 10%, it is **37.5868, 0.3236, 0.3442**.

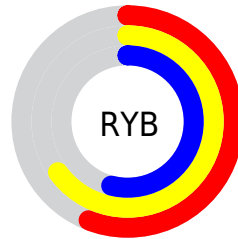
Distribution



Red (65%)

Green (64%)

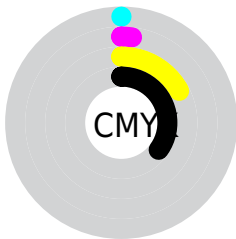
Blue (54%)



Red (56%)

Yellow (65%)

Blue (54%)

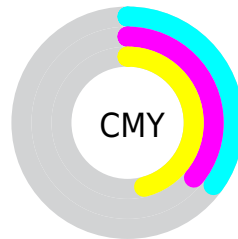


Cyan (0%)

Magenta (2%)

Yellow (17%)

Black (35%)



Cyan (35%)


Magenta (36%)

Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.2449, 0.3391, 0.3656 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 36.2449, 0.3391, 0.3656 by changing the saturation by 10% instead.

 36.2449, 0.3391,
0.3656

 36.2449, 0.3391,
0.3656


330.0297, 0.3254,
0.3464

 24.6234, 0.3427,
0.3707


 69.4099, 0.3340,
0.3584

 15.7967, 0.3473,
0.3774


 91.7222, 0.3322,
0.3558

 9.3804, 0.3536,
0.3866

 118.3668, 0.3306,
0.3536

 4.9901, 0.3627,
0.4002

149.7283, 0.3292,
0.3517

 2.2415, 0.3766,
0.4216

186.1909, 0.3281,
0.3501

 0.7425, 0.4610,
0.5390

228.1391, 0.3271,

 0.0000, 0.0000,

0.3487

0.0000

275.9572, 0.3262,
0.3475

■ 36.2449, 0.3391,
0.3656

■ 36.2449, 0.3391,
0.3656

■ 34.9952, 0.3553,
0.3873

■ 37.5868, 0.3236,
0.3442

■ 33.8295, 0.3717,
0.4087

■ 39.0194, 0.3089,
0.3236

■ 32.7457, 0.3879,
0.4290

■ 40.5472, 0.2953,
0.3042

■ 31.7396, 0.4031,
0.4472

■ 42.1734, 0.2828,
0.2860

■ 30.8068, 0.4169,
0.4625

■ 43.9005, 0.2715,
0.2692

■ 29.9423, 0.4285,
0.4739

■ 45.7312, 0.2612,
0.2538

■ 29.1403, 0.4374,
0.4810

■ 47.6681, 0.2519,
0.2397

■ 28.3918, 0.4439,
0.4839

■ 48.5980, 0.2522,
0.2424

■ 28.1973, 0.4454,
0.4845

■ 49.5368, 0.2526,
0.2452

Harmonies

Analogous

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



36.2449, 0.3518, 0.3572



36.2449, 0.3391, 0.3656



36.2449, 0.3195, 0.3638

Triad

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



36.2449, 0.3391, 0.3656



36.2449, 0.2733, 0.3139



36.2449, 0.3262, 0.3078

Complementary

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



36.2449, 0.3391, 0.3656



27.5342, 0.2853, 0.2896

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.



36.2449, 0.3048, 0.2970



36.2449, 0.3391, 0.3656



36.2449, 0.2749, 0.2998

Square

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



36.2449, 0.3391, 0.3656



36.2449, 0.2819, 0.3330



36.2449, 0.2862, 0.2939



36.2449, 0.3443, 0.3240

Rectangle

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



36.2449, 0.3391, 0.3656



36.2449, 0.3054, 0.3567



36.2449, 0.2862, 0.2939



36.2449, 0.3191, 0.3035

Sweetspot

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



36.2465, 0.3391, 0.3656



67.9024, 0.3202, 0.3395



28.3588, 0.3404, 0.3226



15.1573, 0.3212, 0.3409



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.



36.2465, 0.3391, 0.3656



64.0138, 0.3456, 0.3744



36.6151, 0.3283, 0.3724



8.5962, 0.3265, 0.3483



21.6370, 0.4452, 0.4847



0.5730, 0.4355, 0.4924

Inverse Universe

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



27.5342, 0.2853, 0.2896



45.3074, 0.2782, 0.2792



27.2815, 0.2951, 0.2845



7.4600, 0.2986, 0.3089



2.6437, 0.1535, 0.0726



0.1125, 0.1657, 0.1164

Previews

White Background



This preview shows how the Yxy color 36.2449, 0.3391, 0.3656 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 36.2449, 0.3391, 0.3656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

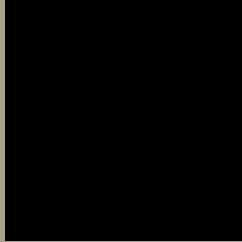
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

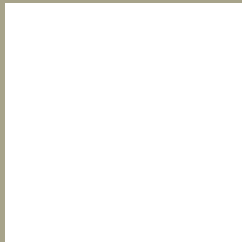
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 36.2449, 0.3391, 0.3656

Background



This preview shows how black text looks on a background with the Yxy color 36.2449, 0.3391, 0.3656.



This preview shows how white text looks on a background with the Yxy color 36.2449, 0.3391, 0.3656.

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

36.2449, 0.3391, 0.3656

Protanopia

36.3047, 0.3444, 0.3652

Deuteranopia

36.0801, 0.3596, 0.3526



Tritanopia

36.0519, 0.3136, 0.3108

Trichromacy



Original Color

36.2449, 0.3391, 0.3656

Protanomaly

36.1929, 0.3433, 0.3653

Deuteranomaly

36.2441, 0.3514, 0.3573

Tritanomaly

36.1909, 0.3233, 0.3305

Monochromacy



Original Color

36.2449, 0.3391, 0.3656

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.9271, 0.3217, 0.3422

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.2449, 0.3391, 0.3656 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, 163, 138)` looks like.

```
.text, #text, p{  
    color:rgb(167, 163, 138)  
}
```

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, 163, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 163, 138) }
```

Border

The CSS property to change the border of an element to Yxy 36.2449, 0.3391, 0.3656 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, 163, 138) }
```

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

```
.border{ border-color:rgb(167, 163, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 163, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 163, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 163, 138);  
box-shadow:4px 4px 4px 4px rgb(167, 163,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 36.2449, 0.3391, 0.3656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 163, 138) }
```

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

```
.background{ background-color: rgb(167,  
163, 138) }
```

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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