

Converting Colors

$Yxy(36.0527, 0.3309, 0.3562)$

Have a look what the booklet for
Yxy(36.0527, 0.3309, 0.3562)
contains.

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Color

Yxy(36.1005, 0.3307, 0.3570)

Conversions

Conversions Part 1

Format	Color
Hex	A4A390
RGB	164, 163, 144
RGB Percent	64%, 64%, 56%
CMY	0.3568, 0.3608, 0.4354
CMYK	0.00, 0.01, 0.12, 0.36
HSL	57°, 10%, 60%
HSV	57°, 12%, 64%
XYZ	33.4410, 36.1005, 31.5804
YIQ	161.1330, 6.6950, -5.6970

Conversions

Conversions Part 2

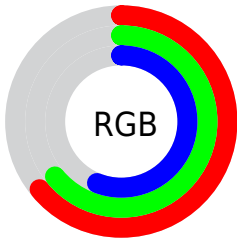
Format	Color
RYB	145, 164, 144
Decimal	10789776
CIELab	66.60, -3.04, 10.02
CIElCh	67, 10.471, 106.877
Yxy	36.1005, 0.3307, 0.3570
Android (android.graphics.Color)	4288979856 (0xFFA4A390)
YUV	161.1330, -8.4466, 2.5144
Hunter-Lab	60.0837, -5.7981, 10.8954

Details

The Yxy color **36.1005, 0.3307, 0.3570** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.8530, 0.2939, 0.2994**, and the grayscale version is **35.7439, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.2801, 0.3270, 0.3514**, and **15.6218, 0.3357, 0.3645** is the 20% darker color. If you saturate the color by 10%, you get **35.3446, 0.3460, 0.3805**, and if you desaturate by 10%, it is **36.9343, 0.3159, 0.3340**.

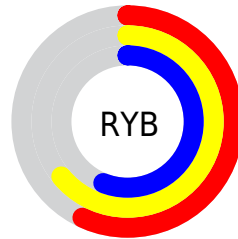
Distribution



Red (64%)

Green (64%)

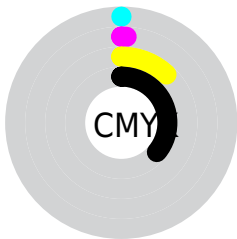
Blue (56%)



Red (57%)

Yellow (64%)

Blue (56%)

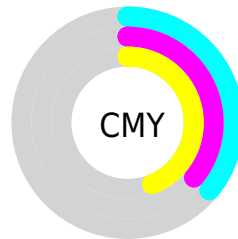


Cyan (0%)

Magenta (1%)

Yellow (12%)

Black (36%)



Cyan (36%)


Magenta (36%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.1005, 0.3307, 0.3570 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 36.1005, 0.3307, 0.3570 by changing the saturation by 10% instead.


 36.1005, 0.3307,
0.3570


 36.1005, 0.3307,
0.3570


329.3996, 0.3214,
0.3423

 24.5118, 0.3331,
0.3609


 69.1872, 0.3272,
0.3515

 15.7137, 0.3363,
0.3661


 91.4539, 0.3260,
0.3495

 9.3218, 0.3407,
0.3733


118.0489, 0.3249,
0.3478

 4.9517, 0.3470,
0.3838

149.3563, 0.3240,
0.3464

 2.2189, 0.3569,
0.4009

185.7607, 0.3232,
0.3451

 0.7303, 0.4291,
0.5054

227.6465, 0.3225,

 0.0000, 0.0000,

0.3441

0.0000

275.3980, 0.3219,
0.3431

■ 36.1005, 0.3307,
0.3570

■ 36.1005, 0.3307,
0.3570

■ 35.3446, 0.3460,
0.3805

■ 36.9343, 0.3159,
0.3340

■ 34.6588, 0.3613,
0.4039

■ 37.8443, 0.3018,
0.3119

■ 34.0412, 0.3762,
0.4264

■ 38.8348, 0.2887,
0.2912

■ 33.4883, 0.3901,
0.4470

■ 39.9084, 0.2765,
0.2719

■ 32.9960, 0.4024,
0.4649

■ 41.0676, 0.2654,
0.2542

■ 32.5599, 0.4126,
0.4792

■ 42.3149, 0.2553,
0.2380

■ 32.1751, 0.4204,
0.4895

■ 43.4066, 0.2482,
0.2268

■ 31.8353, 0.4255,
0.4955

■ 43.7139, 0.2484,
0.2278

■ 31.5912, 0.4283,
0.4981

■ 44.0232, 0.2485,
0.2288

Harmonies

Analogous

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



36.1005, 0.3413, 0.3520



36.1005, 0.3307, 0.3570



36.1005, 0.3154, 0.3542

Triad

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



36.1005, 0.3307, 0.3570



36.1005, 0.2823, 0.3157



36.1005, 0.3254, 0.3146

Complementary

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



36.1005, 0.3307, 0.3570



28.8530, 0.2939, 0.2994

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.



36.1005, 0.3094, 0.3054



36.1005, 0.3307, 0.3570



36.1005, 0.2848, 0.3057

Square

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



36.1005, 0.3307, 0.3570



36.1005, 0.2877, 0.3298



36.1005, 0.2945, 0.3021



36.1005, 0.3383, 0.3275

Rectangle

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



36.1005, 0.3307, 0.3570



36.1005, 0.3047, 0.3481



36.1005, 0.2945, 0.3021



36.1005, 0.3202, 0.3110

Sweetspot

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



36.1021, 0.3307, 0.3570



66.7410, 0.3186, 0.3382



29.8864, 0.3328, 0.3270



14.5664, 0.3197, 0.3399



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



36.1021, 0.3307, 0.3570



65.0862, 0.3353, 0.3642



35.5688, 0.3221, 0.3592



8.1759, 0.3263, 0.3501



24.2402, 0.4282, 0.4982



0.5266, 0.4247, 0.5010

Inverse Universe

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



28.8530, 0.2939, 0.2994



48.9694, 0.2887, 0.2912



29.3585, 0.3025, 0.2986



6.9144, 0.2987, 0.3070



2.2138, 0.1512, 0.0641



0.0627, 0.1565, 0.0833

Previews

White Background



This preview shows how the Yxy color 36.1005, 0.3307, 0.3570 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 36.1005, 0.3307, 0.3570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

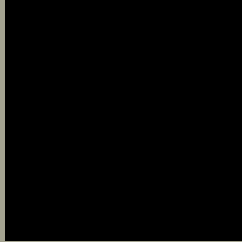
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

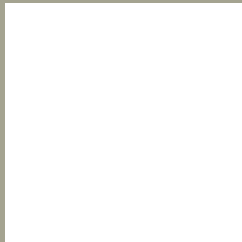
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 36.1005, 0.3307, 0.3570

Background



This preview shows how black text looks on a background with the Yxy color 36.1005, 0.3307, 0.3570.



This preview shows how white text looks on a background with the Yxy color 36.1005, 0.3307, 0.3570.

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

36.1005, 0.3307, 0.3570

Protanopia

35.9079, 0.3370, 0.3552

Deuteranopia

36.0116, 0.3516, 0.3443



Tritanopia

36.0997, 0.3098, 0.3107

Trichromacy



Original Color

36.1005, 0.3307, 0.3570

Protanomaly

36.0393, 0.3347, 0.3568

Deuteranomaly

36.1877, 0.3436, 0.3489

Tritanomaly

35.9657, 0.3177, 0.3262

Monochromacy



Original Color

36.1005, 0.3307, 0.3570

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.8886, 0.3189, 0.3393

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.1005, 0.3307, 0.3570 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(164, 163, 144)` looks like.

```
.text, #text, p{  
    color:rgb(164, 163, 144)  
}
```

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(164, 163, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 163, 144) }
```

Border

The CSS property to change the border of an element to Yxy 36.1005, 0.3307, 0.3570 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(164, 163, 144) }
```

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

```
.border{ border-color:rgb(164, 163, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 163, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 163, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 163, 144);  
box-shadow:4px 4px 4px 4px rgb(164, 163,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 36.1005, 0.3307, 0.3570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 163, 144) }
```

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

```
.background{ background-color: rgb(164,  
163, 144) }
```

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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