

Converting Colors

$Yxy(36.4226, 0.3307, 0.3575)$

Have a look what the booklet for
Yxy(36.4226, 0.3307, 0.3575)
contains.

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Color

Yxy(36.4570, 0.3305, 0.3584)

Conversions

Conversions Part 1

Format	Color
Hex	A4A490
RGB	164, 164, 144
RGB Percent	64%, 64%, 56%
CMY	0.3568, 0.3568, 0.4353
CMYK	0.00, 0.00, 0.12, 0.36
HSL	60°, 10%, 60%
HSV	60°, 12%, 64%
XYZ	33.6190, 36.4570, 31.6456
YIQ	161.7200, 6.4200, -6.2200

Conversions

Conversions Part 2

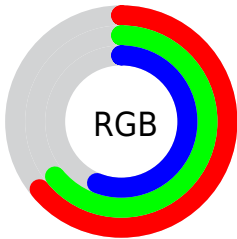
Format	Color
R_{YB}	144, 164, 144
Decimal	10790032
CIE Lab	66.87, -3.58, 10.40
CIE LCh	67, 10.996, 109.016
Yxy	36.4570, 0.3305, 0.3584
Android (android.graphics.Color)	4288980112 (0xFFA4A490)
YUV	161.7200, -8.7360, 1.9996
Hunter-Lab	60.3796, -6.2768, 11.1913

Details

The Yxy color **36.4570, 0.3305, 0.3584** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.5520, 0.2938, 0.2978**, and the grayscale version is **36.0334, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.8003, 0.3269, 0.3525**, and **15.8412, 0.3354, 0.3665** is the 20% darker color. If you saturate the color by 10%, you get **35.9929, 0.3454, 0.3830**, and if you desaturate by 10%, it is **36.9971, 0.3159, 0.3342**.

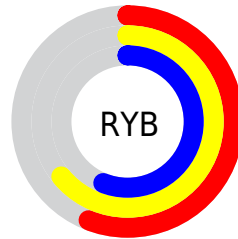
Distribution



Red (64%)

Green (64%)

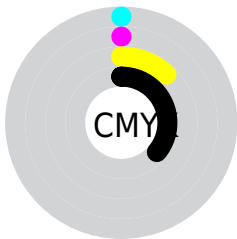
Blue (56%)



Red (56%)

Yellow (64%)

Blue (56%)

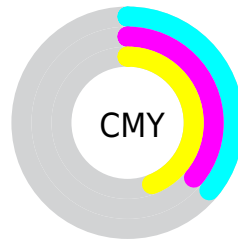


Cyan (0%)

Magenta (0%)

Yellow (12%)

Black (36%)



Cyan (36%)


Magenta (36%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.4570, 0.3305, 0.3584 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 36.4570, 0.3305, 0.3584 by changing the saturation by 10% instead.


 36.4570, 0.3305,
0.3584


 36.4570, 0.3305,
0.3584


330.9536, 0.3213,
0.3430

 24.7874, 0.3329,
0.3625


 69.7369, 0.3271,
0.3526

 15.9187, 0.3360,
0.3679


 92.1158, 0.3258,
0.3505

 9.4666, 0.3403,
0.3754


118.8334, 0.3248,
0.3487

 5.0468, 0.3464,
0.3865

150.2739, 0.3239,
0.3472

 2.2747, 0.3559,
0.4044

186.8218, 0.3231,
0.3459

 0.7603, 0.4244,
0.5081

228.8615, 0.3224,

 0.0000, 0.0000,

0.3448

0.0000

276.7773, 0.3218,
0.3438

■ 36.4570, 0.3305,
0.3584

■ 36.4570, 0.3305,
0.3584

■ 35.9929, 0.3454,
0.3830

■ 36.9971, 0.3159,
0.3342

■ 35.5970, 0.3602,
0.4074

■ 37.6114, 0.3018,
0.3110

■ 35.2674, 0.3742,
0.4307

■ 38.3043, 0.2886,
0.2891

■ 35.0006, 0.3871,
0.4520

■ 39.0784, 0.2763,
0.2688

■ 34.7926, 0.3982,
0.4704

■ 39.9362, 0.2650,
0.2501

■ 34.6388, 0.4071,
0.4851

■ 40.8802, 0.2547,
0.2331

■ 34.5344, 0.4135,
0.4957

■ 41.6659, 0.2474,
0.2210

■ 34.4732, 0.4175,
0.5022

■ 41.6660, 0.2474,
0.2210

■ 34.4446, 0.4193,
0.5053

■ 41.6661, 0.2474,
0.2210

Harmonies

Analogous

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



36.4570, 0.3421, 0.3537



36.4570, 0.3305, 0.3584



36.4570, 0.3143, 0.3549

Triad

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



36.4570, 0.3305, 0.3584



36.4570, 0.2808, 0.3141



36.4570, 0.3272, 0.3148

Complementary

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



36.4570, 0.3305, 0.3584



28.5520, 0.2938, 0.2978

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.



36.4570, 0.3104, 0.3048



36.4570, 0.3305, 0.3584



36.4570, 0.2840, 0.3041

Square

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



36.4570, 0.3305, 0.3584



36.4570, 0.2859, 0.3287



36.4570, 0.2947, 0.3009



36.4570, 0.3402, 0.3284

Rectangle

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



36.4570, 0.3305, 0.3584



36.4570, 0.3032, 0.3482



36.4570, 0.2947, 0.3009



36.4570, 0.3218, 0.3109

Sweetspot

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



36.4586, 0.3305, 0.3584



66.9590, 0.3186, 0.3387



29.8494, 0.3342, 0.3291



14.6225, 0.3196, 0.3404



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.



36.4586, 0.3305, 0.3584



65.9008, 0.3351, 0.3660



35.4354, 0.3208, 0.3593



8.2373, 0.3262, 0.3512



26.4089, 0.4193, 0.5053



0.5549, 0.4193, 0.5053

Inverse Universe

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



28.5520, 0.2938, 0.2978



48.3036, 0.2886, 0.2892



29.4933, 0.3039, 0.2987



6.8600, 0.2987, 0.3058



2.0552, 0.1500, 0.0600



0.0432, 0.1500, 0.0600

Previews

White Background



This preview shows how the Yxy color 36.4570, 0.3305, 0.3584 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 36.4570, 0.3305, 0.3584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

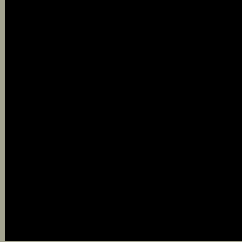
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

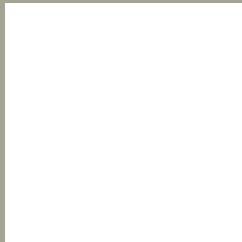
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 36.4570, 0.3305, 0.3584

Background



This preview shows how black text looks on a background with the Yxy color 36.4570, 0.3305, 0.3584.



This preview shows how white text looks on a background with the Yxy color 36.4570, 0.3305, 0.3584.

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

36.4570, 0.3305, 0.3584

Protanopia

36.3699, 0.3377, 0.3565

Deuteranopia

36.4726, 0.3523, 0.3457



Tritanopia

36.4836, 0.3088, 0.3107

Trichromacy



Original Color

36.4570, 0.3305, 0.3584

Protanomaly

36.5024, 0.3355, 0.3581

Deuteranomaly

36.5331, 0.3434, 0.3503

Tritanomaly

36.3139, 0.3176, 0.3276

Monochromacy



Original Color

36.4570, 0.3305, 0.3584

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

36.3475, 0.3198, 0.3407

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.4570, 0.3305, 0.3584 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, 164, 144)` looks like.

```
.text, #text, p{  
    color:rgb(164, 164, 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, 164, 144) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 36.4570, 0.3305, 0.3584 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, 164, 144) }
```

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

```
.border{ border-color:rgb(164, 164, 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, 164, 144)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to Yxy 36.4570, 0.3305, 0.3584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(164,  
164, 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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