

Converting Colors

$Yxy(36.1622, 0.3288, 0.3540)$

Have a look what the booklet for
Yxy(36.1622, 0.3288, 0.3540)
contains.

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Color

Yxy(36.1622, 0.3288, 0.3540)

Conversions

Conversions Part 1

Format	Color
Hex	A4A392
RGB	164, 163, 146
RGB Percent	64%, 64%, 57%
CMY	0.3570, 0.3607, 0.4275
CMYK	0.00, 0.01, 0.11, 0.36
HSL	57°, 9%, 61%
HSV	57°, 11%, 64%
XYZ	33.5879, 36.1622, 32.4030
YIQ	161.3610, 6.0530, -5.0750

Conversions

Conversions Part 2

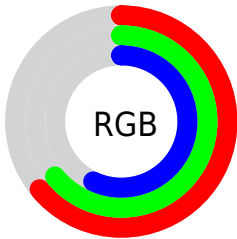
Format	Color
RYB	147, 164, 146
Decimal	10789778
CIELab	66.64, -2.73, 8.96
CIElCh	67, 9.367, 106.921
Yxy	36.1622, 0.3288, 0.3540
Android (android.graphics.Color)	4288979858 (0xFFA4A392)
YUV	161.3610, -7.5730, 2.3144
Hunter-Lab	60.1350, -5.5365, 10.1469

Details

The Yxy color **36.1622, 0.3288, 0.3540** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.6365, 0.2959, 0.3027**, and the grayscale version is **35.8489, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.3730, 0.3257, 0.3491**, and **15.6582, 0.3331, 0.3603** is the 20% darker color. If you saturate the color by 10%, you get **35.3874, 0.3440, 0.3775**, and if you desaturate by 10%, it is **37.0154, 0.3141, 0.3311**.

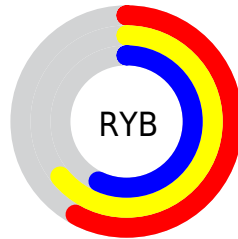
Distribution



Red (64%)

Green (64%)

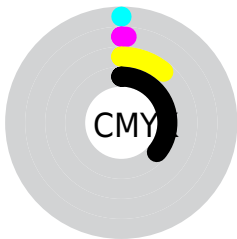
Blue (57%)



Red (58%)

Yellow (64%)

Blue (57%)

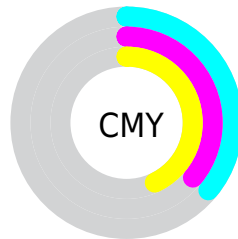


Cyan (0%)

Magenta (1%)

Yellow (11%)

Black (36%)



Cyan (36%)


Magenta (36%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.1622, 0.3288, 0.3540 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 36.1622, 0.3288, 0.3540 by changing the saturation by 10% instead.

 36.1622, 0.3288,
0.3540


 36.1622, 0.3288,
0.3540


329.6689, 0.3205,
0.3409

 24.5595, 0.3310,
0.3575


 69.2823, 0.3257,
0.3491

 15.7492, 0.3338,
0.3621


 91.5686, 0.3246,
0.3473

 9.3468, 0.3378,
0.3685


118.1848, 0.3236,
0.3458

 4.9681, 0.3435,
0.3779

149.5153, 0.3228,
0.3445

 2.2286, 0.3524,
0.3932

185.9446, 0.3221,
0.3434

 0.7355, 0.4101,
0.4769

227.8570, 0.3215,


 0.0000, 0.0000,


0.3425


0.0000


275.6370, 0.3209,
0.3416

 36.1622, 0.3288,
0.3540


 36.1622, 0.3288,
0.3540


 35.3874, 0.3440,
0.3775

 37.0154, 0.3141,
0.3311


 34.6831, 0.3594,
0.4009


 37.9452, 0.3001,
0.3093

 34.0476, 0.3744,
0.4235

 38.9559, 0.2871,
0.2888

 33.4773, 0.3885,
0.4444

 40.0501, 0.2751,
0.2697

 32.9683, 0.4011,
0.4626

 41.2304, 0.2641,
0.2522

■ 32.5161, 0.4116,
0.4774

■ 42.4991, 0.2541,
0.2362

■ 32.1160, 0.4198,
0.4882

■ 43.4815, 0.2482,
0.2270

■ 31.7618, 0.4253,
0.4947

■ 43.8002, 0.2484,
0.2281

■ 31.4690, 0.4286,
0.4979

■ 44.1209, 0.2485,
0.2291

Harmonies

Analogous

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



36.1622, 0.3383, 0.3496



36.1622, 0.3288, 0.3540



36.1622, 0.3152, 0.3514

Triad

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



36.1622, 0.3288, 0.3540



36.1622, 0.2855, 0.3171



36.1622, 0.3241, 0.3161

Complementary

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



36.1622, 0.3288, 0.3540



29.6365, 0.2959, 0.3027

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.



36.1622, 0.3098, 0.3078



36.1622, 0.3288, 0.3540



36.1622, 0.2877, 0.3081

Square

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



36.1622, 0.3288, 0.3540



36.1622, 0.2903, 0.3297



36.1622, 0.2965, 0.3049



36.1622, 0.3356, 0.3277

Rectangle

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



36.1622, 0.3288, 0.3540



36.1622, 0.3056, 0.3460



36.1622, 0.2965, 0.3049



36.1622, 0.3195, 0.3129

Sweetspot

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



36.1638, 0.3288, 0.3540



66.8942, 0.3171, 0.3359



30.5578, 0.3305, 0.3273



14.5973, 0.3183, 0.3376



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.



36.1638, 0.3288, 0.3540



65.3493, 0.3323, 0.3594



35.6947, 0.3211, 0.3559



8.1738, 0.3263, 0.3501



24.1659, 0.4285, 0.4980



0.5256, 0.4249, 0.5008

Inverse Universe

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



29.6365, 0.2959, 0.3027



51.2315, 0.2921, 0.2967



30.0845, 0.3036, 0.3019



6.9164, 0.2987, 0.3070



2.2195, 0.1512, 0.0643



0.0634, 0.1567, 0.0841

Previews

White Background



This preview shows how the Yxy color 36.1622, 0.3288, 0.3540 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 36.1622, 0.3288, 0.3540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

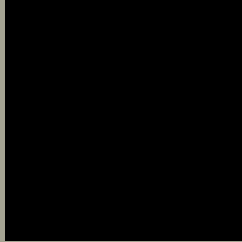
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

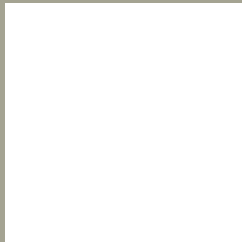
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 36.1622, 0.3288, 0.3540

Background



This preview shows how black text looks on a background with the Yxy color 36.1622, 0.3288, 0.3540.



This preview shows how white text looks on a background with the Yxy color 36.1622, 0.3288, 0.3540.

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

36.1622, 0.3288, 0.3540

Protanopia

36.3200, 0.3349, 0.3537

Deuteranopia

35.9508, 0.3486, 0.3416



Tritanopia

36.0997, 0.3098, 0.3107

Trichromacy



Original Color

36.1622, 0.3288, 0.3540

Protanomaly

36.1005, 0.3329, 0.3538

Deuteranomaly

36.1330, 0.3407, 0.3461

Tritanomaly

36.0014, 0.3168, 0.3247

Monochromacy



Original Color

36.1622, 0.3288, 0.3540

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.9223, 0.3180, 0.3378

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.1622, 0.3288, 0.3540 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, 146)` looks like.

```
.text, #text, p{  
    color:rgb(164, 163, 146)  
}
```

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, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 163, 146) }
```

Border

The CSS property to change the border of an element to Yxy 36.1622, 0.3288, 0.3540 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, 146) }
```

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

```
.border{ border-color:rgb(164, 163, 146) }
```

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, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 163, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 163, 146);  
box-shadow:4px 4px 4px 4px rgb(164, 163,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 36.1622, 0.3288, 0.3540 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, 146) }
```

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

```
.background{ background-color: rgb(164,  
163, 146) }
```

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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