

Converting Colors

$Yxy(37.6605, 0.3044, 0.3413)$

Have a look what the booklet for
Yxy(37.6605, 0.3044, 0.3413)
contains.

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Color

Yxy(37.6245, 0.3041, 0.3408)

Conversions

Conversions Part 1

Format	Color
Hex	98A9A1
RGB	152, 169, 161
RGB Percent	60%, 66%, 63%
CMY	0.4038, 0.3373, 0.3687
CMYK	0.10, 0.00, 0.05, 0.34
HSL	152°, 9%, 63%
HSV	152°, 10%, 66%
XYZ	33.5728, 37.6245, 39.2032
YIQ	163.0050, -7.5640, -6.0920

Conversions

Conversions Part 2

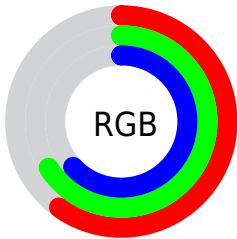
Format	Color
RYB	152, 163, 169
Decimal	10004897
CIELab	67.74, -7.52, 2.10
CIELCh	68, 7.806, 164.377
Yxy	37.6245, 0.3041, 0.3408
Android (android.graphics.Color)	4288194977 (0xFF98A9A1)
YUV	163.0050, -0.9885, -9.6514
Hunter-Lab	61.3388, -9.6439, 5.0434

Details

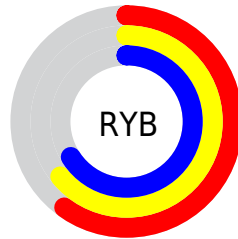
The Yxy color **37.6245, 0.3041, 0.3408** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.4409, 0.3223, 0.3175**, and the grayscale version is **36.6383, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.3910, 0.3054, 0.3380**, and **16.6151, 0.3008, 0.3436** is the 20% darker color. If you saturate the color by 10%, you get **35.8368, 0.2958, 0.3539**, and if you desaturate by 10%, it is **39.6657, 0.3127, 0.3290**.

Distribution



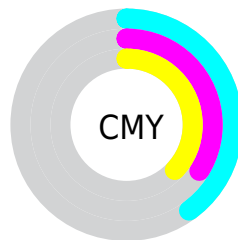
- Red (60%)
- Green (66%)
- Blue (63%)



- Red (60%)
- Yellow (64%)
- Blue (66%)



- Cyan (10%)
- Magenta (0%)
- Yellow (5%)
- Black (34%)



- Cyan (40%)
- Magenta (34%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.6245, 0.3041, 0.3408 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 37.6245, 0.3041, 0.3408 by changing the saturation by 10% instead.


 37.6245, 0.3041,
0.3408


 37.6245, 0.3041,
0.3408


336.0064, 0.3086,
0.3346

 25.6914, 0.3029,
0.3424


 71.5322, 0.3058,
0.3385

 16.5929, 0.3014,
0.3446


 94.2756, 0.3064,
0.3377

 9.9447, 0.2992,
0.3475


121.3913, 0.3069,
0.3369

 5.3623, 0.2961,
0.3519

153.2635, 0.3073,
0.3364

 2.4614, 0.2910,
0.3590

190.2767, 0.3077,
0.3358

 0.8572, 0.2775,
0.3768

232.8154, 0.3081,

 0.0000, 0.0000,

0.3354

0.0000

281.2638, 0.3083,
0.3350

■ 37.6245, 0.3041,
0.3408

■ 37.6245, 0.3041,
0.3408

■ 35.8368, 0.2958,
0.3539

■ 39.6657, 0.3127,
0.3290

■ 34.2878, 0.2879,
0.3683

■ 41.9652, 0.3213,
0.3186

■ 32.9682, 0.2808,
0.3840

■ 44.5335, 0.3299,
0.3093

■ 31.8664, 0.2748,
0.4008

■ 47.3793, 0.3382,
0.3012

■ 30.9696, 0.2702,
0.4185

■ 50.5107, 0.3462,
0.2940

■ 30.2637, 0.2672,
0.4367

■ 53.9356, 0.3540,
0.2878

■ 29.7329, 0.2662,
0.4550

■ 54.6373, 0.3482,
0.2801

■ 29.3582, 0.2671,
0.4730

■ 55.0624, 0.3413,
0.2724

■ 29.0994, 0.2695,
0.4902

■ 55.5079, 0.3345,
0.2648

Harmonies

Analogous

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



37.6245, 0.3158, 0.3478



37.6245, 0.3041, 0.3408



37.6245, 0.2948, 0.3306

Triad

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



37.6245, 0.3041, 0.3408



37.6245, 0.2986, 0.3091



37.6245, 0.3356, 0.3373

Complementary

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



37.6245, 0.3041, 0.3408



33.4409, 0.3223, 0.3175

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.



37.6245, 0.3309, 0.3271



37.6245, 0.3041, 0.3408



37.6245, 0.3093, 0.3111

Square

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



37.6245, 0.3041, 0.3408



37.6245, 0.2917, 0.3123



37.6245, 0.3212, 0.3176



37.6245, 0.3341, 0.3455

Rectangle

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



37.6245, 0.3041, 0.3408



37.6245, 0.2912, 0.3234



37.6245, 0.3212, 0.3176



37.6245, 0.3347, 0.3340

Sweetspot

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



37.6261, 0.3041, 0.3408



69.8920, 0.3101, 0.3325



38.1405, 0.3191, 0.3538



15.1695, 0.3094, 0.3334



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.



37.6261, 0.3041, 0.3408



66.6538, 0.3023, 0.3435



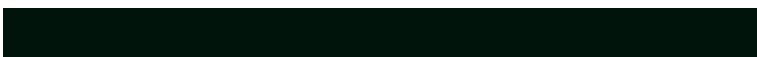
37.8128, 0.2976, 0.3285



8.4714, 0.3047, 0.3399



21.6992, 0.2690, 0.4884



0.5382, 0.2528, 0.4301

Inverse Universe

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



33.4409, 0.3223, 0.3175



57.6672, 0.3246, 0.3149



33.2612, 0.3300, 0.3295



7.5991, 0.3215, 0.3184



6.7269, 0.5038, 0.2549



0.1741, 0.4286, 0.2135

Previews

White Background



This preview shows how the Yxy color 37.6245, 0.3041, 0.3408 looks on a white background.

Color Contrast Check

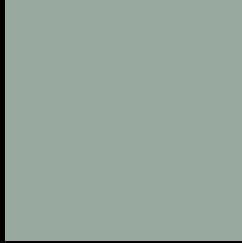
Large Text (above 18pt) WCAG AA × Fail

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 37.6245, 0.3041, 0.3408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

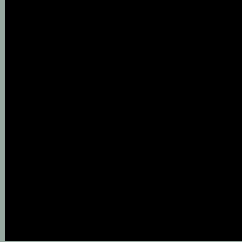
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

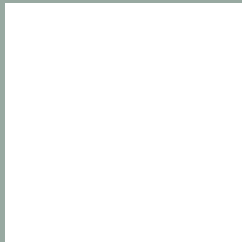
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 37.6245, 0.3041, 0.3408

Background



This preview shows how black text looks on a background with the Yxy color 37.6245, 0.3041, 0.3408.



This preview shows how white text looks on a background with the Yxy color 37.6245, 0.3041, 0.3408.

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

37.6245, 0.3041, 0.3408

Protanopia

37.4546, 0.3227, 0.3376

Deuteranopia

37.2644, 0.3305, 0.3236



Tritanopia

37.4957, 0.2921, 0.3104

Trichromacy



Original Color

37.6245, 0.3041, 0.3408

Protanomaly

37.5622, 0.3160, 0.3391

Deuteranomaly

37.3491, 0.3202, 0.3304

Tritanomaly

37.4860, 0.2969, 0.3217

Monochromacy



Original Color

37.6245, 0.3041, 0.3408

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.8898, 0.3097, 0.3334

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.6245, 0.3041, 0.3408 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(152, 169, 161)` looks like.

```
.text, #text, p{  
    color:rgb(152, 169, 161)  
}
```

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(152, 169, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 169, 161) }
```

Border

The CSS property to change the border of an element to Yxy 37.6245, 0.3041, 0.3408 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(152, 169, 161) }
```

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

```
.border{ border-color:rgb(152, 169, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 169, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 169, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 169, 161);  
box-shadow:4px 4px 4px 4px rgb(152, 169,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 37.6245, 0.3041, 0.3408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 169, 161) }
```

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

```
.background{ background-color: rgb(152,  
169, 161) }
```

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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