

Converting Colors

$Yxy(40.3048, 0.3163, 0.3624)$

Have a look what the booklet for
Yxy(40.3048, 0.3163, 0.3624)
contains.

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Color

Yxy(40.1960, 0.3165, 0.3624)

Conversions

Conversions Part 1

Format	Color
Hex	9EAF98
RGB	158, 175, 152
RGB Percent	62%, 69%, 60%
CMY	0.3802, 0.3138, 0.4039
CMYK	0.10, 0.00, 0.13, 0.31
HSL	104°, 13%, 64%
HSV	104°, 13%, 69%
XYZ	35.1050, 40.1960, 35.6152
YIQ	167.2950, -2.7490, -10.7570

Conversions

Conversions Part 2

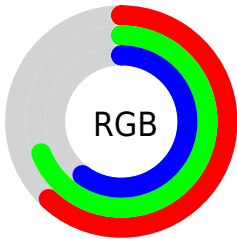
Format	Color
RYB	152, 175, 169
Decimal	10399640
CIELab	69.61, -10.26, 9.80
CIElCh	70, 14.191, 136.325
Yxy	40.1960, 0.3165, 0.3624
Android (android.graphics.Color)	4288589720 (0xFF9EAF98)
YUV	167.2950, -7.5404, -8.1517
Hunter-Lab	63.4003, -12.1146, 11.0740

Details

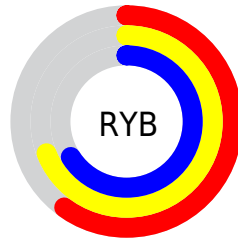
The Yxy color **40.1960, 0.3165, 0.3624** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.9818, 0.3083, 0.2967**, and the grayscale version is **38.8378, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.7542, 0.3162, 0.3567**, and **18.2313, 0.3179, 0.3740** is the 20% darker color. If you saturate the color by 10%, you get **38.4253, 0.3191, 0.3909**, and if you desaturate by 10%, it is **42.1921, 0.3136, 0.3365**.

Distribution



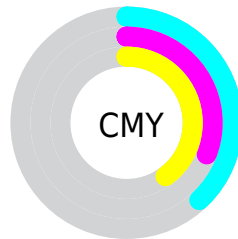
- Red (62%)
- Green (69%)
- Blue (60%)



- Red (60%)
- Yellow (69%)
- Blue (66%)



- Cyan (10%)
- Magenta (0%)
- Yellow (13%)
- Black (31%)





- Cyan (38%)
- Magenta (31%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.1960, 0.3165, 0.3624 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 40.1960, 0.3165, 0.3624 by changing the saturation by 10% instead.


 40.1960, 0.3165,
0.3624


 40.1960, 0.3165,
0.3624


346.9490, 0.3147,
0.3450

 27.6914, 0.3169,
0.3670


 75.4619, 0.3159,
0.3559

 18.0932, 0.3174,
0.3731


 98.9920, 0.3156,
0.3535

 11.0169, 0.3180,
0.3815


126.9660, 0.3154,
0.3515

 6.0782, 0.3186,
0.3938

159.7683, 0.3153,
0.3498

 2.8927, 0.3193,
0.4135

197.7834, 0.3151,
0.3483

 1.0760, 0.3293,
0.4659

241.3956, 0.3150,

 0.0000, 0.0000,

0.3471

0.0000

290.9893, 0.3148,
0.3460

■ 40.1960, 0.3165,
0.3624

■ 40.1960, 0.3165,
0.3624

■ 38.4253, 0.3191,
0.3909

■ 42.1921, 0.3136,
0.3365

■ 36.8669, 0.3213,
0.4217

■ 44.4158, 0.3107,
0.3134

■ 35.5141, 0.3229,
0.4540

■ 46.8761, 0.3078,
0.2929

■ 34.3580, 0.3236,
0.4865

■ 49.5797, 0.3049,
0.2749

■ 33.3889, 0.3231,
0.5177

■ 52.5333, 0.3022,
0.2591

■ 32.5962, 0.3213,
0.5453

■ 55.6136, 0.3010,
0.2470

■ 31.9682, 0.3183,
0.5677

■ 57.8948, 0.3111,
0.2495

■ 31.4915, 0.3142,
0.5833

■ 59.1367, 0.3164,
0.2507

■ 31.2377, 0.3113,
0.5910

Harmonies

Analogous

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



40.1960, 0.3364, 0.3657



40.1960, 0.3165, 0.3624



40.1960, 0.2960, 0.3491

Triad

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



40.1960, 0.3165, 0.3624



40.1960, 0.2762, 0.2987



40.1960, 0.3460, 0.3265

Complementary

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



40.1960, 0.3165, 0.3624



33.9818, 0.3083, 0.2967

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.



40.1960, 0.3289, 0.3100



40.1960, 0.3165, 0.3624



40.1960, 0.2887, 0.2941

Square

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



40.1960, 0.3165, 0.3624



40.1960, 0.2732, 0.3116



40.1960, 0.3078, 0.2983



40.1960, 0.3539, 0.3442

Rectangle

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



40.1960, 0.3165, 0.3624



40.1960, 0.2848, 0.3368



40.1960, 0.3078, 0.2983



40.1960, 0.3411, 0.3207

Sweetspot

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



40.1977, 0.3165, 0.3624



75.2221, 0.3139, 0.3388



39.7046, 0.3331, 0.3526



16.6574, 0.3141, 0.3407



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



40.1977, 0.3165, 0.3624



70.9613, 0.3174, 0.3711



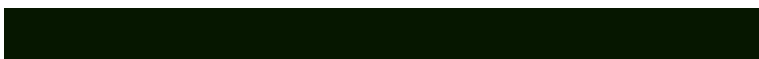
39.7794, 0.3068, 0.3548



9.0374, 0.3154, 0.3522



22.3988, 0.3120, 0.5905



0.6497, 0.3353, 0.5720

Inverse Universe

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



33.9818, 0.3083, 0.2967



57.4608, 0.3071, 0.2886



34.4589, 0.3192, 0.3045



8.0406, 0.3097, 0.3064



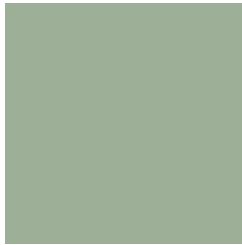
5.5893, 0.2562, 0.1185



0.1801, 0.2769, 0.1299

Previews

White Background



This preview shows how the Yxy color 40.1960, 0.3165, 0.3624 looks on a white background.

Color Contrast Check

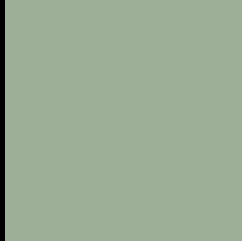
Large Text (above 18pt) WCAG AA × Fail

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 40.1960, 0.3165, 0.3624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

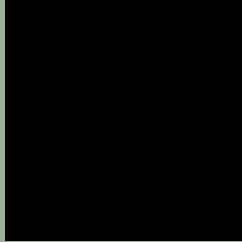
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

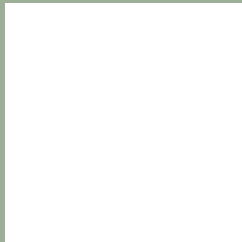
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.1960, 0.3165, 0.3624

Background



This preview shows how black text looks on a background with the Yxy color 40.1960, 0.3165, 0.3624.



This preview shows how white text looks on a background with the Yxy color 40.1960, 0.3165, 0.3624.

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

40.1960, 0.3165, 0.3624

Protanopia

40.0108, 0.3386, 0.3568

Deuteranopia

40.0905, 0.3488, 0.3424



Tritanopia

39.9967, 0.2952, 0.3096

Trichromacy



Original Color

40.1960, 0.3165, 0.3624

Protanomaly

39.9858, 0.3307, 0.3587

Deuteranomaly

40.0085, 0.3372, 0.3497

Tritanomaly

40.0607, 0.3030, 0.3290

Monochromacy



Original Color

40.1960, 0.3165, 0.3624

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

39.2506, 0.3140, 0.3404

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.1960, 0.3165, 0.3624 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(158, 175, 152)` looks like.

```
.text, #text, p{  
    color:rgb(158, 175, 152)  
}
```

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(158, 175, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 175, 152) }
```

Border

The CSS property to change the border of an element to Yxy 40.1960, 0.3165, 0.3624 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(158, 175, 152) }
```

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

```
.border{ border-color:rgb(158, 175, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 175, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 175, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 175, 152);  
box-shadow:4px 4px 4px 4px rgb(158, 175,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 40.1960, 0.3165, 0.3624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 175, 152) }
```

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

```
.background{ background-color: rgb(158,  
175, 152) }
```

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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