

Converting Colors

$Y_{xy}(40.5989, 0.3178, 0.3532)$

Have a look what the booklet for
Yxy(40.5989, 0.3178, 0.3532)
contains.

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Color

Yxy(40.5989, 0.3178, 0.3532)

Conversions

Conversions Part 1

Format	Color
Hex	A4AE9D
RGB	164, 174, 157
RGB Percent	64%, 68%, 62%
CMY	0.3569, 0.3176, 0.3842
CMYK	0.06, 0.00, 0.10, 0.32
HSL	95°, 9%, 65%
HSV	95°, 10%, 68%
XYZ	36.5298, 40.5989, 37.8172
YIQ	169.0720, -0.5030, -7.4070

Conversions

Conversions Part 2

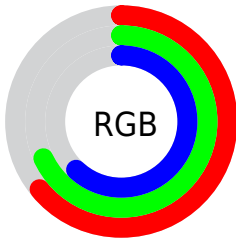
Format	Color
RYB	157, 174, 167
Decimal	10792605
CIELab	69.89, -6.70, 7.51
CIELCh	70, 10.065, 131.759
Yxy	40.5989, 0.3178, 0.3532
Android (android.graphics.Color)	4288982685 (0xFFA4AE9D)
YUV	169.0720, -5.9515, -4.4481
Hunter-Lab	63.7173, -9.1692, 9.4125

Details

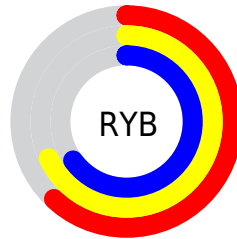
The Yxy color $40.5989, 0.3178, 0.3532$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $35.3972, 0.3072, 0.3050$, and the grayscale version is $39.7438, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.8522, 0.3167, 0.3475$, and $18.4044, 0.3186, 0.3610$ is the 20% darker color. If you saturate the color by 10%, you get $38.9991, 0.3229, 0.3803$, and if you desaturate by 10%, it is $42.3751, 0.3126, 0.3284$.

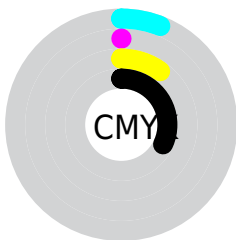
Distribution



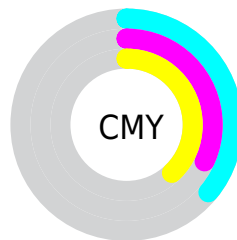
- Red (64%)
- Green (68%)
- Blue (62%)



- Red (62%)
- Yellow (68%)
- Blue (65%)



- Cyan (6%)
- Magenta (0%)
- Yellow (10%)
- Black (32%)




- Cyan (36%)
- Magenta (32%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.5989, 0.3178, 0.3532 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 40.5989, 0.3178, 0.3532 by changing the saturation by 10% instead.


 40.5989, 0.3178,
0.3532


 40.5989, 0.3178,
0.3532


348.6414, 0.3153,
0.3407

 28.0058, 0.3184,
0.3565


 76.0746, 0.3169,
0.3485

 18.3300, 0.3192,
0.3608


 99.7261, 0.3165,
0.3468

 11.1872, 0.3203,
0.3667


127.8324, 0.3163,
0.3454

 6.1929, 0.3217,
0.3753

160.7780, 0.3160,
0.3442

 2.9627, 0.3237,
0.3890

198.9474, 0.3158,
0.3431

 1.1123, 0.3303,
0.4185

242.7248, 0.3156,

 0.0000, 0.0000,

0.3422

0.0000

292.4947, 0.3154,
0.3414

■ 40.5989, 0.3178,
0.3532

■ 40.5989, 0.3178,
0.3532

■ 38.9991, 0.3229,
0.3803

■ 42.3751, 0.3126,
0.3284

■ 37.5648, 0.3276,
0.4093

■ 44.3278, 0.3074,
0.3061

■ 36.2918, 0.3317,
0.4397

■ 46.4639, 0.3024,
0.2860

■ 35.1738, 0.3347,
0.4704

■ 48.7883, 0.2977,
0.2682

■ 34.2038, 0.3364,
0.5001

■ 51.3055, 0.2932,
0.2524

■ 33.3746, 0.3363,
0.5272

■ 53.5996, 0.2934,
0.2441

■ 32.6778, 0.3344,
0.5500

■ 55.3061, 0.3014,
0.2461

■ 32.1041, 0.3306,
0.5673

■ 57.1136, 0.3094,
0.2481

■ 31.6366, 0.3256,
0.5795

■ 58.7552, 0.3164,
0.2498

Harmonies

Analogous

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



40.5989, 0.3314, 0.3546



40.5989, 0.3178, 0.3532



40.5989, 0.3031, 0.3449

Triad

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



40.5989, 0.3178, 0.3532



40.5989, 0.2859, 0.3086



40.5989, 0.3347, 0.3255

Complementary

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



40.5989, 0.3178, 0.3532



35.3972, 0.3072, 0.3050

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.



40.5989, 0.3221, 0.3139



40.5989, 0.3178, 0.3532



40.5989, 0.2940, 0.3042

Square

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



40.5989, 0.3178, 0.3532



40.5989, 0.2849, 0.3187



40.5989, 0.3071, 0.3062



40.5989, 0.3414, 0.3382

Rectangle

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



40.5989, 0.3178, 0.3532



40.5989, 0.2946, 0.3366



40.5989, 0.3071, 0.3062



40.5989, 0.3310, 0.3213

Sweetspot

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



40.6007, 0.3178, 0.3532



75.7627, 0.3143, 0.3363



39.0461, 0.3280, 0.3429



16.7812, 0.3147, 0.3383



89.0005, 0.3127, 0.3290



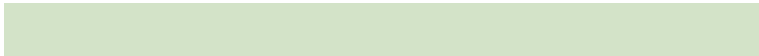
17.0645, 0.3127, 0.3290

Same Dimension

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



40.6007, 0.3178, 0.3532



72.8983, 0.3191, 0.3596



39.9288, 0.3104, 0.3516



9.0936, 0.3176, 0.3520



22.9696, 0.3263, 0.5791



0.6715, 0.3520, 0.5587

Inverse Universe

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



35.3972, 0.3072, 0.3050



61.2873, 0.3056, 0.2987



36.1213, 0.3151, 0.3074



7.9820, 0.3075, 0.3062



4.3303, 0.2224, 0.0999



0.1514, 0.2526, 0.1165

Previews

White Background



This preview shows how the Yxy color 40.5989, 0.3178, 0.3532 looks on a white background.

Color Contrast Check

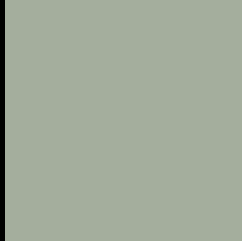
Large Text (above 18pt) WCAG AA × Fail

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 40.5989, 0.3178, 0.3532 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

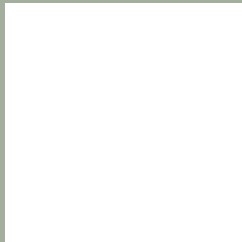
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.5989, 0.3178, 0.3532

Background



This preview shows how black text looks on a background with the Yxy color 40.5989, 0.3178, 0.3532.



This preview shows how white text looks on a background with the Yxy color 40.5989, 0.3178, 0.3532.

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

40.5989, 0.3178, 0.3532

Protanopia

40.4631, 0.3321, 0.3498

Deuteranopia

40.4898, 0.3429, 0.3370



Tritanopia

40.5350, 0.2995, 0.3099

Trichromacy



Original Color

40.5989, 0.3178, 0.3532

Protanomaly

40.2968, 0.3264, 0.3500

Deuteranomaly

40.2976, 0.3336, 0.3427

Tritanomaly

40.3973, 0.3067, 0.3248

Monochromacy



Original Color

40.5989, 0.3178, 0.3532

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

40.0579, 0.3141, 0.3374

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.5989, 0.3178, 0.3532 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, 174, 157)` looks like.

```
.text, #text, p{  
    color:rgb(164, 174, 157)  
}
```

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, 174, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 174, 157) }
```

Border

The CSS property to change the border of an element to Yxy 40.5989, 0.3178, 0.3532 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, 174, 157) }
```

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

```
.border{ border-color:rgb(164, 174, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 174, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 174, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 174, 157);  
box-shadow:4px 4px 4px 4px rgb(164, 174,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 40.5989, 0.3178, 0.3532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 174, 157) }
```

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

```
.background{ background-color: rgb(164,  
174, 157) }
```

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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