

Converting Colors

$Yxy(40.9638, 0.3167, 0.3565)$

Have a look what the booklet for
Yxy(40.9638, 0.3167, 0.3565)
contains.

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Color

Yxy(40.7416, 0.3168, 0.3562)

Conversions

Conversions Part 1

Format	Color
Hex	A2AF9C
RGB	162, 175, 156
RGB Percent	64%, 69%, 61%
CMY	0.3646, 0.3137, 0.3883
CMYK	0.07, 0.00, 0.11, 0.31
HSL	101°, 11%, 65%
HSV	101°, 11%, 69%
XYZ	36.2351, 40.7416, 37.4017
YIQ	168.9470, -1.6490, -8.6650

Conversions

Conversions Part 2

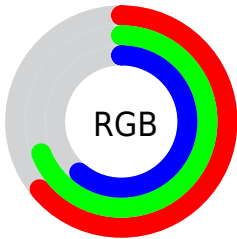
Format	Color
RYB	156, 175, 169
Decimal	10661788
CIELab	69.99, -8.12, 8.20
CIELCh	70, 11.536, 134.715
Yxy	40.7416, 0.3168, 0.3562
Android (android.graphics.Color)	4288851868 (0xFFA2AF9C)
YUV	168.9470, -6.3829, -6.0925
Hunter-Lab	63.8291, -10.3686, 9.9384

Details

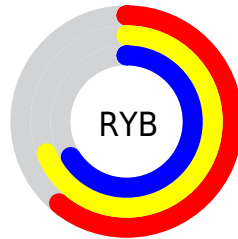
The Yxy color $40.7416, 0.3168, 0.3562$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $35.2986, 0.3082, 0.3023$, and the grayscale version is $39.6842, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.5567, 0.3164, 0.3520$, and $18.5008, 0.3171, 0.3652$ is the 20% darker color. If you saturate the color by 10%, you get $39.0010, 0.3204, 0.3839$, and if you desaturate by 10%, it is $42.6898, 0.3130, 0.3310$.

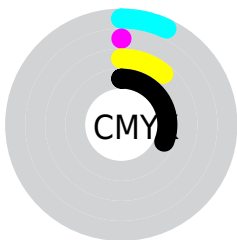
Distribution



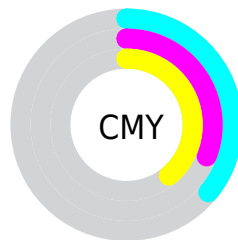
- Red (64%)
- Green (69%)
- Blue (61%)



- Red (61%)
- Yellow (69%)
- Blue (66%)



- Cyan (7%)
- Magenta (0%)
- Yellow (11%)
- Black (31%)



- Cyan (36%)
- Magenta (31%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.7416, 0.3168, 0.3562 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 40.7416, 0.3168, 0.3562 by changing the saturation by 10% instead.


 40.7416, 0.3168,
0.3562


 40.7416, 0.3168,
0.3562

349.2395, 0.3148,
0.3421

 28.1172, 0.3173,
0.3599


 76.2915, 0.3161,
0.3509

 18.4140, 0.3179,
0.3648


 99.9858, 0.3158,
0.3490

 11.2477, 0.3186,
0.3715


128.1388, 0.3156,
0.3474

 6.2337, 0.3196,
0.3812

161.1351, 0.3154,
0.3460

 2.9877, 0.3209,
0.3967

199.3589, 0.3152,
0.3448

 1.1253, 0.3270,
0.4311

243.1946, 0.3151,

 0.0000, 0.0000,

0.3438

0.0000

293.0267, 0.3149,
0.3429

■ 40.7416, 0.3168,
0.3562

■ 40.7416, 0.3168,
0.3562

■ 39.0010, 0.3204,
0.3839

■ 42.6898, 0.3130,
0.3310

■ 37.4558, 0.3236,
0.4138

■ 44.8469, 0.3093,
0.3085

■ 36.1005, 0.3261,
0.4453

■ 47.2209, 0.3055,
0.2884

■ 34.9271, 0.3277,
0.4772

■ 49.8178, 0.3020,
0.2707

■ 33.9274, 0.3281,
0.5081

■ 52.6435, 0.2986,
0.2551

■ 33.0921, 0.3270,
0.5361

■ 55.3116, 0.2996,
0.2467

■ 32.4112, 0.3243,
0.5594

■ 57.3964, 0.3090,
0.2489

■ 31.8732, 0.3203,
0.5765

■ 59.1385, 0.3164,
0.2507

■ 31.4889, 0.3160,
0.5873

Harmonies

Analogous

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



40.7416, 0.3328, 0.3585



40.7416, 0.3168, 0.3562



40.7416, 0.3001, 0.3459

Triad

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



40.7416, 0.3168, 0.3562



40.7416, 0.2827, 0.3049



40.7416, 0.3390, 0.3263

Complementary

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



40.7416, 0.3168, 0.3562



35.2986, 0.3082, 0.3023

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.



40.7416, 0.3250, 0.3129



40.7416, 0.3168, 0.3562



40.7416, 0.2925, 0.3006

Square

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



40.7416, 0.3168, 0.3562



40.7416, 0.2807, 0.3158



40.7416, 0.3079, 0.3036



40.7416, 0.3459, 0.3408

Rectangle

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



40.7416, 0.3168, 0.3562



40.7416, 0.2907, 0.3362



40.7416, 0.3079, 0.3036



40.7416, 0.3350, 0.3216

Sweetspot

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



40.7434, 0.3168, 0.3562



75.6636, 0.3139, 0.3363



39.7635, 0.3296, 0.3467



16.7536, 0.3142, 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.



40.7434, 0.3168, 0.3562



72.2030, 0.3177, 0.3625



40.2342, 0.3089, 0.3519



9.0583, 0.3162, 0.3521



22.5809, 0.3167, 0.5867



0.6579, 0.3418, 0.5668

Inverse Universe

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



35.2986, 0.3082, 0.3023



60.5181, 0.3070, 0.2963



35.8592, 0.3168, 0.3071



8.0185, 0.3089, 0.3063



5.0775, 0.2432, 0.1113



0.1688, 0.2677, 0.1248

Previews

White Background



This preview shows how the Yxy color 40.7416, 0.3168, 0.3562 looks on a white background.

Color Contrast Check

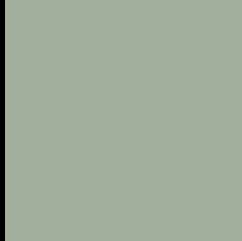
Large Text (above 18pt) WCAG AA × Fail

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 40.7416, 0.3168, 0.3562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

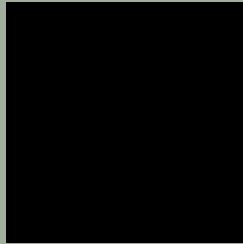
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

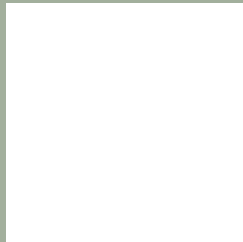
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.7416, 0.3168, 0.3562

Background



This preview shows how black text looks on a background with the Yxy color 40.7416, 0.3168, 0.3562.



This preview shows how white text looks on a background with the Yxy color 40.7416, 0.3168, 0.3562.

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

40.7416, 0.3168, 0.3562

Protanopia

40.5475, 0.3340, 0.3511

Deuteranopia

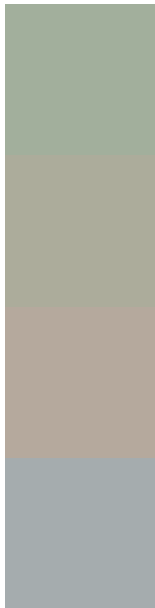
40.5854, 0.3448, 0.3383



Tritanopia

40.6935, 0.2977, 0.3112

Trichromacy



Original Color

40.7416, 0.3168, 0.3562

Protanomaly

40.6423, 0.3271, 0.3528

Deuteranomaly

40.6340, 0.3343, 0.3454

Tritanomaly

40.5604, 0.3049, 0.3262

Monochromacy



Original Color

40.7416, 0.3168, 0.3562

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.9131, 0.3141, 0.3389

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.7416, 0.3168, 0.3562 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(162, 175, 156)` looks like.

```
.text, #text, p{  
    color:rgb(162, 175, 156)  
}
```

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(162, 175, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 175, 156) }
```

Border

The CSS property to change the border of an element to Yxy 40.7416, 0.3168, 0.3562 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(162, 175, 156) }
```

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

```
.border{ border-color:rgb(162, 175, 156) }
```

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

Here you see how a box with a 4 pixel rgb(162, 175, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 175, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 175, 156);  
box-shadow:4px 4px 4px 4px rgb(162, 175,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 40.7416, 0.3168, 0.3562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 175, 156) }
```

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

```
.background{ background-color: rgb(162,  
175, 156) }
```

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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