

Converting Colors

$Yxy(41.5827, 0.2999, 0.3351)$

Have a look what the booklet for
Yxy(41.5827, 0.2999, 0.3351)
contains.

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Color

Yxy(41.6919, 0.3004, 0.3360)

Conversions

Conversions Part 1

Format	Color
Hex	9EB1AC
RGB	158, 177, 172
RGB Percent	62%, 69%, 67%
CMY	0.3803, 0.3059, 0.3255
CMYK	0.11, 0.00, 0.03, 0.31
HSL	164°, 11%, 66%
HSV	164°, 11%, 69%
XYZ	37.2745, 41.6919, 45.1166
YIQ	170.7490, -9.7190, -5.5830

Conversions

Conversions Part 2

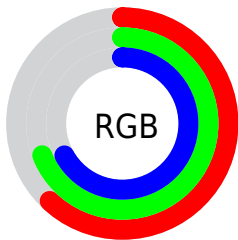
Format	Color
R_{YB}	158, 169, 177
Decimal	10400172
CIE Lab	70.66, -7.54, 0.31
CIE LCh	71, 7.549, 177.673
Yxy	41.6919, 0.3004, 0.3360
Android (android.graphics.Color)	4288590252 (0xFF9EB1AC)
YUV	170.7490, 0.6167, -11.1809
Hunter-Lab	64.5693, -9.9517, 3.7707

Details

The Yxy color **41.6919, 0.3004, 0.3360** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.4571, 0.3267, 0.3221**, and the grayscale version is **40.5964, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.9700, 0.3031, 0.3355**, and **18.8972, 0.2970, 0.3369** is the 20% darker color. If you saturate the color by 10%, you get **39.8499, 0.2894, 0.3432**, and if you desaturate by 10%, it is **43.8022, 0.3119, 0.3294**.

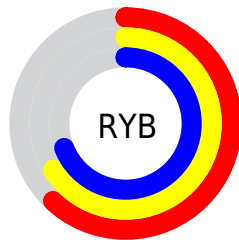
Distribution



Red (62%)

Green (69%)

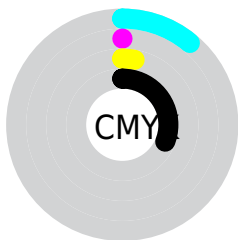
Blue (67%)



Red (62%)

Yellow (66%)

Blue (69%)

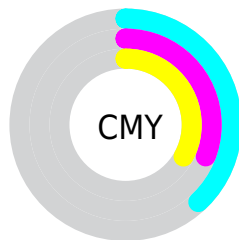


Cyan (11%)

Magenta (0%)

Yellow (3%)

Black (31%)



Cyan (38%)


Magenta (31%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.6919, 0.3004, 0.3360 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 41.6919, 0.3004, 0.3360 by changing the saturation by 10% instead.


 41.6919, 0.3004,
0.3360


 41.6919, 0.3004,
0.3360

353.2042, 0.3067,
0.3324

 28.8601, 0.2988,
0.3369

 77.7331, 0.3027,
0.3347

 18.9750, 0.2967,
0.3381


 101.7113, 0.3036,
0.3342

 11.6522, 0.2939,
0.3397


130.1738, 0.3043,
0.3338

 6.5073, 0.2898,
0.3420

163.5050, 0.3049,
0.3334

 3.1560, 0.2836,
0.3456

202.0892, 0.3054,
0.3331

 1.2137, 0.2728,
0.3518

246.3109, 0.3059,

 0.0728, 0.0000,

0.3329

0.5572

296.5544, 0.3063,
0.3326

0.0000, 0.0000,
0.0000

41.6919, 0.3004,
0.3360

41.6919, 0.3004,
0.3360

39.8499, 0.2894,
0.3432

43.8022, 0.3119,
0.3294

38.2599, 0.2792,
0.3511

46.1859, 0.3236,
0.3235

36.9118, 0.2700,
0.3596

48.8546, 0.3354,
0.3183

35.7927, 0.2621,
0.3685

51.8176, 0.3471,
0.3136

34.8887, 0.2558,
0.3779

55.0840, 0.3585,
0.3096

■ 34.1842, 0.2513,
0.3876

■ 56.8691, 0.3617,
0.3053

■ 33.6613, 0.2488,
0.3973

■ 57.0899, 0.3576,
0.3005

■ 33.2993, 0.2482,
0.4071

■ 57.3174, 0.3536,
0.2958

■ 33.0661, 0.2489,
0.4161

■ 57.5517, 0.3495,
0.2912

Harmonies

Analogous

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



41.6919, 0.3106, 0.3442



41.6919, 0.3004, 0.3360



41.6919, 0.2935, 0.3260

Triad

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



41.6919, 0.3004, 0.3360



41.6919, 0.3037, 0.3106



41.6919, 0.3342, 0.3405

Complementary

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



41.6919, 0.3004, 0.3360



36.4571, 0.3267, 0.3221

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.



41.6919, 0.3323, 0.3315



41.6919, 0.3004, 0.3360



41.6919, 0.3145, 0.3145

Square

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



41.6919, 0.3004, 0.3360



41.6919, 0.2953, 0.3115



41.6919, 0.3251, 0.3221



41.6919, 0.3303, 0.3466

Rectangle

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



41.6919, 0.3004, 0.3360



41.6919, 0.2917, 0.3197



41.6919, 0.3251, 0.3221



41.6919, 0.3343, 0.3377

Sweetspot

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



41.6937, 0.3004, 0.3360



77.5268, 0.3092, 0.3309



41.7080, 0.3159, 0.3559



16.7343, 0.3082, 0.3314



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.



41.6937, 0.3004, 0.3360



73.8045, 0.2976, 0.3378



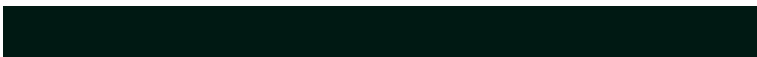
40.1694, 0.2965, 0.3227



9.5926, 0.3020, 0.3351



23.9696, 0.2486, 0.4150



0.7632, 0.2411, 0.3880

Inverse Universe

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



36.4571, 0.3267, 0.3221



62.4239, 0.3304, 0.3204



37.8188, 0.3307, 0.3352



8.5407, 0.3247, 0.3230



6.9271, 0.5854, 0.2998



0.2278, 0.5053, 0.2558

Previews

White Background



This preview shows how the Yxy color 41.6919, 0.3004, 0.3360 looks on a white background.

Color Contrast Check

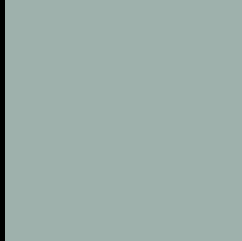
Large Text (above 18pt) WCAG AA × Fail

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 41.6919, 0.3004, 0.3360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

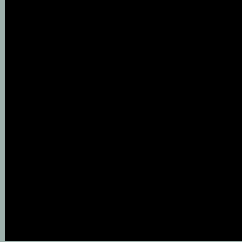
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

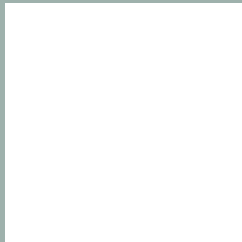
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.6919, 0.3004, 0.3360

Background



This preview shows how black text looks on a background with the Yxy color 41.6919, 0.3004, 0.3360.



This preview shows how white text looks on a background with the Yxy color 41.6919, 0.3004, 0.3360.

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

41.6919, 0.3004, 0.3360

Protanopia

41.5997, 0.3188, 0.3331

Deuteranopia

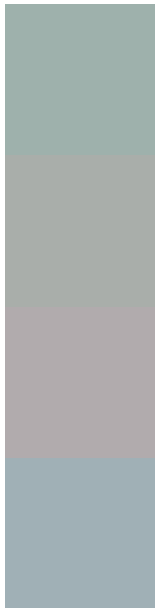
41.3848, 0.3261, 0.3198



Tritanopia

41.8679, 0.2906, 0.3111

Trichromacy



Original Color

41.6919, 0.3004, 0.3360

Protanomaly

41.6094, 0.3116, 0.3345

Deuteranomaly

41.4901, 0.3165, 0.3263

Tritanomaly

41.9017, 0.2943, 0.3206

Monochromacy



Original Color

41.6919, 0.3004, 0.3360

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.9344, 0.3082, 0.3318

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.6919, 0.3004, 0.3360 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, 177, 172)` looks like.

```
.text, #text, p{  
    color:rgb(158, 177, 172)  
}
```

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, 177, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 177, 172) }
```

Border

The CSS property to change the border of an element to Yxy 41.6919, 0.3004, 0.3360 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, 177, 172) }
```

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

```
.border{ border-color:rgb(158, 177, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 177, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 177, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 177, 172);  
box-shadow:4px 4px 4px 4px rgb(158, 177,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 41.6919, 0.3004, 0.3360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 177, 172) }
```

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

```
.background{ background-color: rgb(158,  
177, 172) }
```

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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