

Converting Colors

Yxy(36.4927, 0.3147, 0.3487)

Have a look what the booklet for
Yxy(36.4927, 0.3147, 0.3487)
contains.

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Color

Yxy(36.6074, 0.3155, 0.3498)

Conversions

Conversions Part 1

Format	Color
Hex	9CA698
RGB	156, 166, 152
RGB Percent	61%, 65%, 60%
CMY	0.3881, 0.3490, 0.4040
CMYK	0.06, 0.00, 0.08, 0.35
HSL	103°, 7%, 62%
HSV	103°, 8%, 65%
XYZ	33.0178, 36.6074, 35.0271
YIQ	161.4140, -1.4660, -6.4740

Conversions

Conversions Part 2

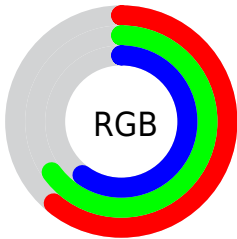
Format	Color
RYB	152, 166, 162
Decimal	10266264
CIELab	66.98, -6.19, 6.03
CIELCh	67, 8.646, 135.757
Yxy	36.6074, 0.3155, 0.3498
Android (android.graphics.Color)	4288456344 (0xFF9CA698)
YUV	161.4140, -4.6411, -4.7481
Hunter-Lab	60.5040, -8.4724, 8.0285

Details

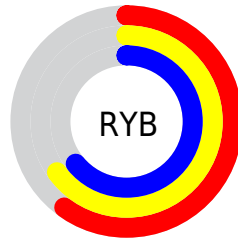
The Yxy color **36.6074, 0.3155, 0.3498** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.8834, 0.3097, 0.3086**, and the grayscale version is **35.8684, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.8708, 0.3148, 0.3459**, and **15.9775, 0.3167, 0.3565** is the 20% darker color. If you saturate the color by 10%, you get **34.9807, 0.3187, 0.3769**, and if you desaturate by 10%, it is **38.4279, 0.3122, 0.3254**.

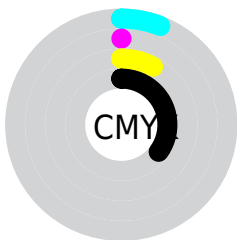
Distribution



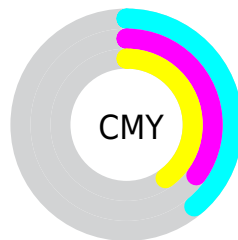
- Red (61%)
- Green (65%)
- Blue (60%)



- Red (60%)
- Yellow (65%)
- Blue (64%)



- Cyan (6%)
- Magenta (0%)
- Yellow (8%)
- Black (35%)



- Cyan (39%)
- Magenta (35%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.6074, 0.3155, 0.3498 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 36.6074, 0.3155, 0.3498 by changing the saturation by 10% instead.

■ 36.6074, 0.3155,
0.3498

■ 36.6074, 0.3155,
0.3498

■ 331.6076, 0.3141,
0.3389

■ 24.9037, 0.3158,
0.3527

■ 69.9686, 0.3150,
0.3457

■ 16.0053, 0.3163,
0.3566

■ 92.3948, 0.3148,
0.3442

■ 9.5279, 0.3168,
0.3620

■ 119.1639, 0.3147,
0.3429

■ 5.0871, 0.3176,
0.3701

■ 150.6604, 0.3145,
0.3419

■ 2.2984, 0.3187,
0.3832

■ 187.2686, 0.3144,
0.3410

■ 0.7729, 0.3285,
0.4352

■ 229.3730, 0.3143,

■ 0.0000, 0.0000,

0.3402

0.0000

277.3578, 0.3142,
0.3395

■ 36.6074, 0.3155,
0.3498

■ 36.6074, 0.3155,
0.3498

■ 34.9807, 0.3187,
0.3769

■ 38.4279, 0.3122,
0.3254

■ 33.5368, 0.3215,
0.4063

■ 40.4437, 0.3089,
0.3035

■ 32.2704, 0.3238,
0.4377


■ 42.6620, 0.3056,
0.2842

■ 31.1744, 0.3252,
0.4698


■ 45.0885, 0.3025,
0.2672


■ 30.2410, 0.3256,
0.5014

■ 47.7285, 0.2995,
0.2522


 29.4619, 0.3247,
0.5307


 50.5872, 0.2967,
0.2391

 28.8278, 0.3223,
0.5556

 52.7906, 0.3037,
0.2386

 28.3284, 0.3187,
0.5745

 54.9105, 0.3132,
0.2412

 27.9483, 0.3142,
0.5874

 55.7512, 0.3168,
0.2422

Harmonies

Analogous

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



36.6074, 0.3279, 0.3519



36.6074, 0.3155, 0.3498



36.6074, 0.3025, 0.3417

Triad

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



36.6074, 0.3155, 0.3498



36.6074, 0.2895, 0.3101



36.6074, 0.3334, 0.3274

Complementary

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



36.6074, 0.3155, 0.3498



32.8834, 0.3097, 0.3086

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.



36.6074, 0.3227, 0.3168



36.6074, 0.3155, 0.3498



36.6074, 0.2974, 0.3068

Square

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



36.6074, 0.3155, 0.3498



36.6074, 0.2877, 0.3185



36.6074, 0.3095, 0.3093



36.6074, 0.3384, 0.3387

Rectangle

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



36.6074, 0.3155, 0.3498



36.6074, 0.2953, 0.3342



36.6074, 0.3095, 0.3093



36.6074, 0.3303, 0.3236

Sweetspot

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



36.6090, 0.3155, 0.3498



68.1778, 0.3137, 0.3363



36.1418, 0.3255, 0.3433



15.1985, 0.3140, 0.3382



84.8088, 0.3127, 0.3290



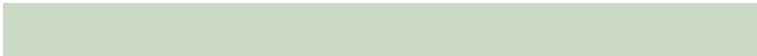
15.4872, 0.3127, 0.3290

Same Dimension

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



36.6090, 0.3155, 0.3498



65.9035, 0.3161, 0.3544



36.3053, 0.3093, 0.3458



8.5087, 0.3158, 0.3520



21.6550, 0.3142, 0.5887



0.5525, 0.3402, 0.5680

Inverse Universe

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



32.8834, 0.3097, 0.3086



57.8352, 0.3090, 0.3042



33.2116, 0.3163, 0.3128



7.5563, 0.3093, 0.3064



5.1521, 0.2502, 0.1152



0.1495, 0.2748, 0.1287

Previews

White Background



This preview shows how the Yxy color 36.6074, 0.3155, 0.3498 looks on a white background.

Color Contrast Check

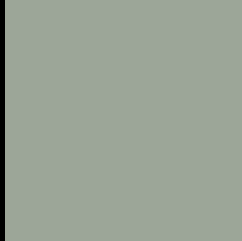
Large Text (above 18pt) WCAG AA × Fail

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 36.6074, 0.3155, 0.3498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

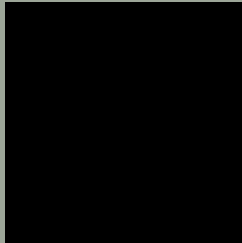
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

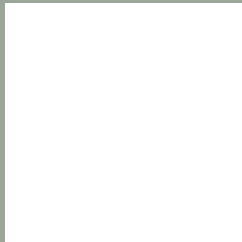
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 36.6074, 0.3155, 0.3498

Background



This preview shows how black text looks on a background with the Yxy color 36.6074, 0.3155, 0.3498.



This preview shows how white text looks on a background with the Yxy color 36.6074, 0.3155, 0.3498.

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

36.6074, 0.3155, 0.3498

Protanopia

36.4777, 0.3303, 0.3463

Deuteranopia

36.3921, 0.3405, 0.3332



Tritanopia

36.7631, 0.2997, 0.3119

Trichromacy



Original Color

36.6074, 0.3155, 0.3498

Protanomaly

36.3213, 0.3243, 0.3465

Deuteranomaly

36.3258, 0.3318, 0.3390

Tritanomaly

36.7119, 0.3055, 0.3246

Monochromacy



Original Color

36.6074, 0.3155, 0.3498

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

36.0339, 0.3133, 0.3363

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.6074, 0.3155, 0.3498 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(156, 166, 152)` looks like.

```
.text, #text, p{  
    color:rgb(156, 166, 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(156, 166, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 166, 152) }
```

Border

The CSS property to change the border of an element to Yxy 36.6074, 0.3155, 0.3498 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(156, 166, 152) }
```

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

```
.border{ border-color:rgb(156, 166, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 166, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 166, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 166, 152);  
box-shadow:4px 4px 4px 4px rgb(156, 166,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 36.6074, 0.3155, 0.3498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 166, 152) }
```

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

```
.background{ background-color: rgb(156,  
166, 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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