

Converting Colors

$Yxy(28.8767, 0.3488, 0.4062)$

Have a look what the booklet for
Yxy(28.8767, 0.3488, 0.4062)
contains.

Yxy(28.9723, 0.3494, 0.4067)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(28.9723, 0.3494, 0.4067)

Conversions

Conversions Part 1

Format	Color
Hex	8F9768
RGB	143, 151, 104
RGB Percent	56%, 59%, 41%
CMY	0.4393, 0.4078, 0.5922
CMYK	0.05, 0.00, 0.31, 0.41
HSL	70°, 18%, 50%
HSV	70°, 31%, 59%
XYZ	24.8904, 28.9723, 17.3748
YIQ	143.2500, 10.3190, -16.3130

Conversions

Conversions Part 2

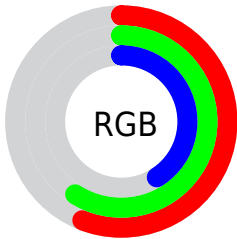
Format	Color
RYB	104, 151, 112
Decimal	9410408
CIELab	60.76, -10.96, 23.86
CIELCh	61, 26.256, 114.671
Yxy	28.9723, 0.3494, 0.4067
Android (android.graphics.Color)	4287600488 (0xFF8F9768)
YUV	143.2500, -19.3502, -0.2193
Hunter-Lab	53.8259, -11.6527, 18.5395

Details

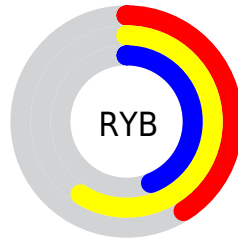
The Yxy color $28.9723, 0.3494, 0.4067$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $15.5799, 0.2683, 0.2427$, and the grayscale version is $27.6484, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.9333, 0.3419, 0.3895$, and $11.6752, 0.3608, 0.4349$ is the 20% darker color. If you saturate the color by 10%, you get $28.4663, 0.3605, 0.4320$, and if you desaturate by 10%, it is $29.5411, 0.3377, 0.3811$.

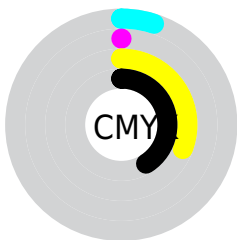
Distribution



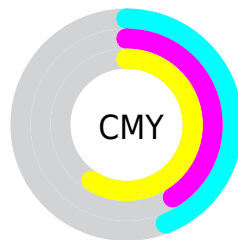
- Red (56%)
- Green (59%)
- Blue (41%)



- Red (41%)
- Yellow (59%)
- Blue (44%)



- Cyan (5%)
- Magenta (0%)
- Yellow (31%)
- Black (41%)



- Cyan (44%)
- Magenta (41%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.9723, 0.3494, 0.4067 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 28.9723, 0.3494, 0.4067 by changing the saturation by 10% instead.


 28.9723, 0.3494,
0.4067


 28.9723, 0.3494,
0.4067


297.0842, 0.3304,
0.3640


 19.0599, 0.3542,
0.4187


 58.0331, 0.3424,
0.3902


 11.7135, 0.3603,
0.4349


 77.9502, 0.3398,
0.3843

 6.5489, 0.3680,
0.4579


 101.9710, 0.3376,
0.3794

 3.1816, 0.3779,
0.4929

 130.4799, 0.3357,
0.3754

 1.2273, 0.4133,
0.5867

163.8613, 0.3341,
0.3719

 0.0838, 0.0000,
1.0000

202.4995, 0.3327,

 0.0000, 0.0000,

0.3689

0.0000

246.7791, 0.3315,
0.3663

■ 28.9723, 0.3494,
0.4067

■ 28.9723, 0.3494,
0.4067

■ 28.4663, 0.3605,
0.4320

■ 29.5411, 0.3377,
0.3811

■ 28.0163, 0.3704,
0.4562

■ 30.1717, 0.3258,
0.3558

■ 27.6203, 0.3787,
0.4781


■ 30.8678, 0.3140,
0.3317


■ 27.2747, 0.3850,
0.4968


■ 31.6319, 0.3027,
0.3089

■ 26.9755, 0.3888,
0.5115

■ 32.4662, 0.2919,
0.2877

 26.7179, 0.3902,
0.5219

 33.3730, 0.2818,
0.2682

 26.5134, 0.3899,
0.5286

 34.3544, 0.2724,
0.2505

 35.4122, 0.2638,
0.2344

 36.5485, 0.2559,
0.2198

Harmonies

Analogous

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



28.9723, 0.3834, 0.3946



28.9723, 0.3494, 0.4067



28.9723, 0.3070, 0.3948

Triad

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



28.9723, 0.3494, 0.4067



28.9723, 0.2336, 0.2830



28.9723, 0.3571, 0.2990

Complementary

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



28.9723, 0.3494, 0.4067



15.5799, 0.2683, 0.2427

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.



28.9723, 0.3139, 0.2736



28.9723, 0.3494, 0.4067



28.9723, 0.2447, 0.2632

Square

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



28.9723, 0.3494, 0.4067



28.9723, 0.2417, 0.3183



28.9723, 0.2731, 0.2605



28.9723, 0.3890, 0.3321

Rectangle

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



28.9723, 0.3494, 0.4067



28.9723, 0.2798, 0.3739



28.9723, 0.2731, 0.2605



28.9723, 0.3432, 0.2894

Sweetspot

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



28.9736, 0.3494, 0.4067



54.2609, 0.3235, 0.3510



19.1302, 0.3767, 0.3425



12.2958, 0.3251, 0.3544



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



28.9736, 0.3494, 0.4067



51.2695, 0.3568, 0.4235



27.1047, 0.3243, 0.4133



7.1696, 0.3235, 0.3512



22.5634, 0.3901, 0.5284



0.3498, 0.4041, 0.5174

Inverse Universe

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



15.5799, 0.2683, 0.2427



23.5847, 0.2568, 0.2215



17.3128, 0.2964, 0.2493



6.0745, 0.3013, 0.3062



2.0943, 0.1589, 0.0649



0.0425, 0.1904, 0.0823

Previews

White Background



This preview shows how the Yxy color 28.9723, 0.3494, 0.4067 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 28.9723, 0.3494, 0.4067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

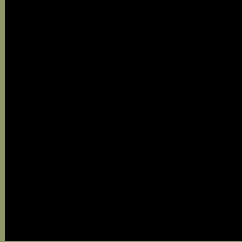
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.9723, 0.3494, 0.4067

Background



This preview shows how black text looks on a background with the Yxy color 28.9723, 0.3494, 0.4067.



This preview shows how white text looks on a background with the Yxy color 28.9723, 0.3494, 0.4067.

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

28.9723, 0.3494, 0.4067

Protanopia

28.7862, 0.3705, 0.3983

Deuteranopia

28.6810, 0.3868, 0.3797



Tritanopia

28.8308, 0.3074, 0.3104

Trichromacy



Original Color

28.9723, 0.3494, 0.4067

Protanomaly

28.9314, 0.3628, 0.4010

Deuteranomaly

28.6478, 0.3730, 0.3897

Tritanomaly

28.8766, 0.3225, 0.3451

Monochromacy



Original Color

28.9723, 0.3494, 0.4067

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.9824, 0.3262, 0.3570

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.9723, 0.3494, 0.4067 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(143, 151, 104)` looks like.

```
.text, #text, p{  
    color:rgb(143, 151, 104)  
}
```

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(143, 151, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 151, 104) }
```

Border

The CSS property to change the border of an element to Yxy 28.9723, 0.3494, 0.4067 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(143, 151, 104) }
```

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

```
.border{ border-color:rgb(143, 151, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 151, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 151, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 151, 104);  
box-shadow:4px 4px 4px 4px rgb(143, 151,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 28.9723, 0.3494, 0.4067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 151, 104) }
```

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

```
.background{ background-color: rgb(143,  
151, 104) }
```

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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