

Converting Colors

$Yxy(32.6591, 0.3041, 0.3650)$

Have a look what the booklet for
Yxy(32.6591, 0.3041, 0.3650)
contains.

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Color

Yxy(32.6396, 0.3036, 0.3647)

Conversions

Conversions Part 1

Format	Color
Hex	84A28C
RGB	132, 162, 140
RGB Percent	52%, 64%, 55%
CMY	0.4823, 0.3647, 0.4509
CMYK	0.19, 0.00, 0.14, 0.36
HSL	136°, 14%, 58%
HSV	136°, 19%, 64%
XYZ	27.1713, 32.6396, 29.6862
YIQ	150.5220, -10.8180, -13.2020

Conversions

Conversions Part 2

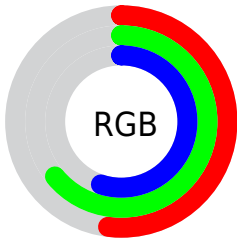
Format	Color
RYB	132, 156, 162
Decimal	8692364
CIELab	63.87, -14.88, 8.02
CIElCh	64, 16.903, 151.687
Yxy	32.6396, 0.3036, 0.3647
Android (android.graphics.Color)	4286882444 (0xFF84A28C)
YUV	150.5220, -5.1873, -16.2438
Hunter-Lab	57.1311, -15.0855, 9.1837

Details

The Yxy color **32.6396, 0.3036, 0.3647** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **26.5183, 0.3233, 0.2958**, and the grayscale version is **30.7602, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.8350, 0.3050, 0.3569**, and **13.6839, 0.3001, 0.3767** is the 20% darker color. If you saturate the color by 10%, you get **31.1031, 0.2989, 0.3872**, and if you desaturate by 10%, it is **34.4195, 0.3085, 0.3444**.

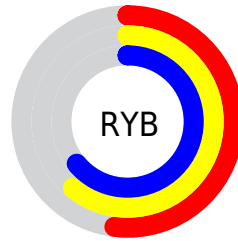
Distribution



Red (52%)

Green (64%)

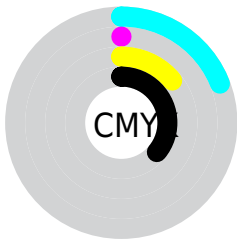
Blue (55%)



Red (52%)

Yellow (61%)

Blue (64%)

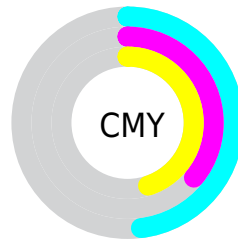


Cyan (19%)

Magenta (0%)

Yellow (14%)

Black (36%)



Cyan (48%)


Magenta (36%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.6396, 0.3036, 0.3647 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 32.6396, 0.3036, 0.3647 by changing the saturation by 10% instead.


 32.6396, 0.3036,
0.3647


 32.6396, 0.3036,
0.3647


314.0226, 0.3086,
0.3454


 21.8505, 0.3022,
0.3701


 63.8124, 0.3056,
0.3573

 13.7471, 0.3002,
0.3774


 84.9650, 0.3063,
0.3546

 7.9450, 0.2973,
0.3879


 110.3408, 0.3068,
0.3524

 4.0598, 0.2927,
0.4041

140.3242, 0.3073,
0.3505

 1.7070, 0.2843,
0.4324

175.2998, 0.3077,
0.3490

 0.4282, 0.0927,
0.9073

215.6517, 0.3081,

 0.0000, 0.0000,

0.3476

0.0000

261.7646, 0.3084,
0.3464

■ 32.6396, 0.3036,
0.3647

■ 32.6396, 0.3036,
0.3647

■ 31.1031, 0.2989,
0.3872

■ 34.4195, 0.3085,
0.3444

■ 29.7952, 0.2945,
0.4119

■ 36.4485, 0.3134,
0.3265

■ 28.7062, 0.2908,
0.4383

■ 38.7373, 0.3183,
0.3107

■ 27.8236, 0.2880,
0.4657

■ 41.2947, 0.3229,
0.2968

■ 27.1339, 0.2864,
0.4932

■ 44.1291, 0.3273,
0.2848

■ 26.6219, 0.2863,
0.5194

■ 47.2486, 0.3314,
0.2743

■ 26.2700, 0.2876,
0.5429

■ 50.6609, 0.3353,
0.2652

■ 26.0463, 0.2901,
0.5628

■ 53.0987, 0.3334,
0.2560

■ 26.0174, 0.2904,
0.5655

■ 53.8080, 0.3235,
0.2454

Harmonies

Analogous

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



32.6396, 0.3303, 0.3758



32.6396, 0.3036, 0.3647



32.6396, 0.2801, 0.3427

Triad

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



32.6396, 0.3036, 0.3647



32.6396, 0.2731, 0.2861



32.6396, 0.3623, 0.3371

Complementary

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



32.6396, 0.3036, 0.3647



26.5183, 0.3233, 0.2958

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.



32.6396, 0.3457, 0.3150



32.6396, 0.3036, 0.3647



32.6396, 0.2937, 0.2863

Square

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



32.6396, 0.3036, 0.3647



32.6396, 0.2630, 0.2970



32.6396, 0.3203, 0.2968



32.6396, 0.3649, 0.3583

Rectangle

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



32.6396, 0.3036, 0.3647



32.6396, 0.2691, 0.3257



32.6396, 0.3203, 0.2968



32.6396, 0.3582, 0.3296

Sweetspot

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



32.6410, 0.3036, 0.3647



63.3282, 0.3097, 0.3399



34.3773, 0.3318, 0.3751



14.1745, 0.3094, 0.3411



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



32.6410, 0.3036, 0.3647



58.1162, 0.3017, 0.3732



33.1136, 0.2912, 0.3401



7.9247, 0.3081, 0.3459



20.5033, 0.2900, 0.5640



0.4382, 0.2706, 0.4940

Inverse Universe

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



26.5183, 0.3233, 0.2958



45.0200, 0.3259, 0.2885



26.0498, 0.3398, 0.3183



7.1697, 0.3176, 0.3127



7.1029, 0.4006, 0.1981



0.1564, 0.3663, 0.1792

Previews

White Background



This preview shows how the Yxy color 32.6396, 0.3036, 0.3647 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 32.6396, 0.3036, 0.3647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

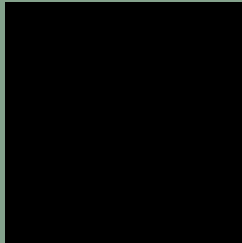
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

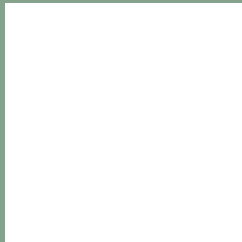
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 32.6396, 0.3036, 0.3647

Background



This preview shows how black text looks on a background with the Yxy color 32.6396, 0.3036, 0.3647.



This preview shows how white text looks on a background with the Yxy color 32.6396, 0.3036, 0.3647.

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

32.6396, 0.3036, 0.3647

Protanopia

32.4658, 0.3369, 0.3564

Deuteranopia

32.4767, 0.3449, 0.3378



Tritanopia

32.6744, 0.2832, 0.3105

Trichromacy



Original Color

32.6396, 0.3036, 0.3647

Protanomaly

32.4041, 0.3241, 0.3603

Deuteranomaly

32.4351, 0.3291, 0.3473

Tritanomaly

32.4504, 0.2904, 0.3289

Monochromacy



Original Color

32.6396, 0.3036, 0.3647

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

31.4786, 0.3092, 0.3416

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.6396, 0.3036, 0.3647 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(132, 162, 140)` looks like.

```
.text, #text, p{  
    color:rgb(132, 162, 140)  
}
```

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(132, 162, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 162, 140) }
```

Border

The CSS property to change the border of an element to Yxy 32.6396, 0.3036, 0.3647 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(132, 162, 140) }
```

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

```
.border{ border-color:rgb(132, 162, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 162, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 162, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 162, 140);  
box-shadow:4px 4px 4px 4px rgb(132, 162,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 32.6396, 0.3036, 0.3647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 162, 140) }
```

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

```
.background{ background-color: rgb(132,  
162, 140) }
```

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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