

Converting Colors

Yxy(36.5645, 0.3100, 0.3683)

Have a look what the booklet for
Yxy(36.5645, 0.3100, 0.3683)
contains.

Yxy(36.6027, 0.3099, 0.3691)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(36.6027, 0.3099, 0.3691)

Conversions

Conversions Part 1

Format	Color
Hex	8FAA90
RGB	143, 170, 144
RGB Percent	56%, 67%, 56%
CMY	0.4394, 0.3333, 0.4353
CMYK	0.16, 0.00, 0.15, 0.33
HSL	122°, 14%, 61%
HSV	122°, 16%, 67%
XYZ	30.7320, 36.6027, 31.8327
YIQ	158.9630, -7.7460, -13.8100

Conversions

Conversions Part 2

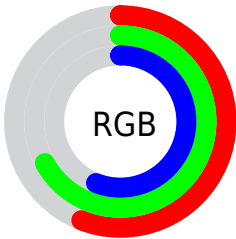
Format	Color
RYB	143, 169, 170
Decimal	9415312
CIELab	66.98, -14.48, 10.33
CIELCh	67, 17.788, 144.516
Yxy	36.6027, 0.3099, 0.3691
Android (android.graphics.Color)	4287605392 (0xFF8FAA90)
YUV	158.9630, -7.3768, -13.9996
Hunter-Lab	60.5002, -15.2035, 11.1541

Details

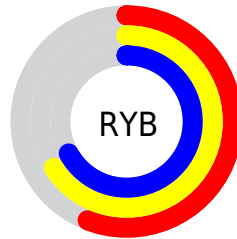
The Yxy color **36.6027, 0.3099, 0.3691** is a light color, and the websafe version is hex **669999**. A complement of this color would be **31.0450, 0.3155, 0.2919**, and the grayscale version is **34.6882, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.7980, 0.3105, 0.3604**, and **16.0403, 0.3077, 0.3823** is the 20% darker color. If you saturate the color by 10%, you get **34.7364, 0.3080, 0.3984**, and if you desaturate by 10%, it is **38.7744, 0.3117, 0.3429**.

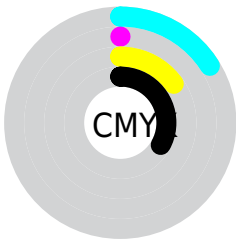
Distribution



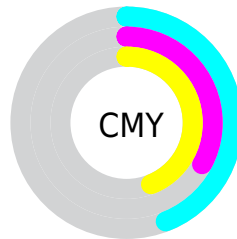
- Red (56%)
- Green (67%)
- Blue (56%)



- Red (56%)
- Yellow (66%)
- Blue (67%)



- Cyan (16%)
- Magenta (0%)
- Yellow (15%)
- Black (33%)



- Cyan (44%)
- Magenta (33%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.6027, 0.3099, 0.3691 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 36.6027, 0.3099, 0.3691 by changing the saturation by 10% instead.


 36.6027, 0.3099,
0.3691


 36.6027, 0.3099,
0.3691


331.5872, 0.3116,
0.3477

 24.9000, 0.3093,
0.3749


 69.9613, 0.3106,
0.3610

 16.0026, 0.3086,
0.3827

 92.3860, 0.3108,
0.3581

 9.5260, 0.3073,
0.3936


119.1536, 0.3110,
0.3556

 5.0858, 0.3053,
0.4101

150.6483, 0.3112,
0.3535

 2.2977, 0.3013,
0.4376

187.2547, 0.3113,
0.3518

 0.7725, 0.2992,
0.6071

229.3570, 0.3114,


 0.0000, 0.0000,

0.3503

0.0000


277.3397, 0.3115,
0.3489


 36.6027, 0.3099,
0.3691


 36.6027, 0.3099,
0.3691


 34.7364, 0.3080,
0.3984

 38.7744, 0.3117,
0.3429


 33.1574, 0.3060,
0.4306


 41.2595, 0.3134,
0.3200


 31.8529, 0.3041,
0.4645

 44.0713, 0.3149,
0.3001

 30.8073, 0.3023,
0.4988

 47.2211, 0.3163,
0.2829

 30.0031, 0.3009,
0.5311

 50.7197, 0.3175,
0.2681

■ 29.4213, 0.2999,
0.5590

■ 54.5771, 0.3186,
0.2554

■ 29.0393, 0.2994,
0.5804

■ 57.2340, 0.3166,
0.2460

■ 28.8286, 0.2994,
0.5937

■ 28.7684, 0.2993,
0.5973

Harmonies

Analogous

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



36.6027, 0.3366, 0.3770



36.6027, 0.3099, 0.3691



36.6027, 0.2847, 0.3488

Triad

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



36.6027, 0.3099, 0.3691



36.6027, 0.2691, 0.2872



36.6027, 0.3601, 0.3318

Complementary

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



36.6027, 0.3099, 0.3691



31.0450, 0.3155, 0.2919

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.



36.6027, 0.3405, 0.3099



36.6027, 0.3099, 0.3691



36.6027, 0.2877, 0.2847

Square

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



36.6027, 0.3099, 0.3691



36.6027, 0.2618, 0.3008



36.6027, 0.3137, 0.2930



36.6027, 0.3664, 0.3539

Rectangle

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



36.6027, 0.3099, 0.3691



36.6027, 0.2720, 0.3318



36.6027, 0.3137, 0.2930



36.6027, 0.3548, 0.3242

Sweetspot

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



36.6043, 0.3099, 0.3691



70.6884, 0.3119, 0.3409



39.1834, 0.3352, 0.3677



15.6991, 0.3117, 0.3426



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



36.6043, 0.3099, 0.3691



65.1795, 0.3092, 0.3788



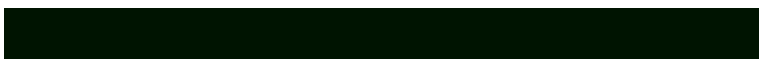
37.0381, 0.2990, 0.3481



8.4123, 0.3111, 0.3514



21.1609, 0.2991, 0.5968



0.5163, 0.2951, 0.5825

Inverse Universe

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



31.0450, 0.3155, 0.2919



53.2061, 0.3162, 0.2838



30.5678, 0.3289, 0.3107



7.6616, 0.3143, 0.3076



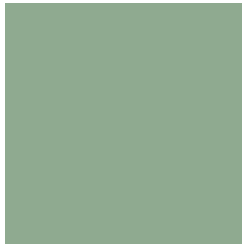
8.2456, 0.3306, 0.1595



0.2021, 0.3271, 0.1576

Previews

White Background



This preview shows how the Yxy color 36.6027, 0.3099, 0.3691 looks on a white background.

Color Contrast Check

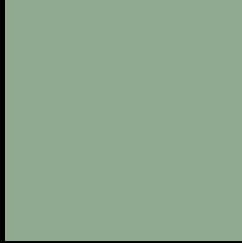
Large Text (above 18pt) WCAG AA × Fail

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 36.6027, 0.3099, 0.3691 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 36.6027, 0.3099, 0.3691

Background



This preview shows how black text looks on a background with the Yxy color 36.6027, 0.3099, 0.3691.



This preview shows how white text looks on a background with the Yxy color 36.6027, 0.3099, 0.3691.

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

36.6027, 0.3099, 0.3691

Protanopia

36.3920, 0.3415, 0.3608

Deuteranopia

36.4109, 0.3493, 0.3429



Tritanopia

36.5142, 0.2877, 0.3100

Trichromacy



Original Color

36.6027, 0.3099, 0.3691

Protanomaly

36.4104, 0.3301, 0.3646

Deuteranomaly

36.3510, 0.3340, 0.3522

Tritanomaly

36.5937, 0.2956, 0.3304

Monochromacy



Original Color

36.6027, 0.3099, 0.3691

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

35.2998, 0.3111, 0.3425

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.6027, 0.3099, 0.3691 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, 170, 144)` looks like.

```
.text, #text, p{  
    color:rgb(143, 170, 144)  
}
```

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, 170, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 170, 144) }
```

Border

The CSS property to change the border of an element to Yxy 36.6027, 0.3099, 0.3691 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, 170, 144) }
```

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

```
.border{ border-color:rgb(143, 170, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 170, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 170, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 170, 144);  
box-shadow:4px 4px 4px 4px rgb(143, 170,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 36.6027, 0.3099, 0.3691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 170, 144) }
```

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

```
.background{ background-color: rgb(143,  
170, 144) }
```

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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