

Converting Colors

$Yxy(36.5415, 0.2911, 0.3445)$

Have a look what the booklet for
Yxy(36.5415, 0.2911, 0.3445)
contains.

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Color

Yxy(36.5218, 0.2911, 0.3443)

Conversions

Conversions Part 1

Format	Color
Hex	88AAA0
RGB	136, 170, 160
RGB Percent	53%, 67%, 63%
CMY	0.4665, 0.3334, 0.3726
CMYK	0.20, 0.00, 0.06, 0.33
HSL	162°, 17%, 60%
HSV	162°, 20%, 67%
XYZ	30.8786, 36.5218, 38.6751
YIQ	158.6940, -17.0540, -10.3180

Conversions

Conversions Part 2

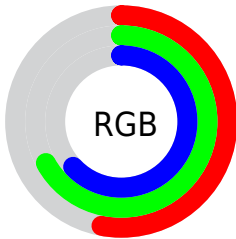
Format	Color
RYB	136, 156, 170
Decimal	8956576
CIELab	66.92, -13.68, 1.32
CIElCh	67, 13.739, 174.489
Yxy	36.5218, 0.2911, 0.3443
Android (android.graphics.Color)	4287146656 (0xFF88AAA0)
YUV	158.6940, 0.6439, -19.9026
Hunter-Lab	60.4333, -14.5530, 4.3598

Details

The Yxy color **36.5218, 0.2911, 0.3443** is a light color, and the websafe version is hex **669999**. A complement of this color would be **28.2451, 0.3402, 0.3142**, and the grayscale version is **34.5314, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.7039, 0.2952, 0.3405**, and **15.9923, 0.2832, 0.3488** is the 20% darker color. If you saturate the color by 10%, you get **35.0386, 0.2812, 0.3531**, and if you desaturate by 10%, it is **38.2409, 0.3017, 0.3363**.

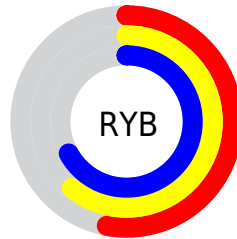
Distribution



Red (53%)

Green (67%)

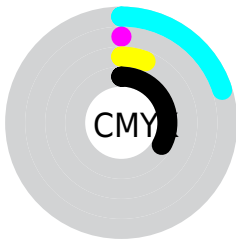
Blue (63%)



Red (53%)

Yellow (61%)

Blue (67%)

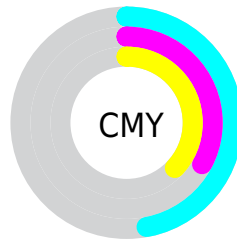


Cyan (20%)

Magenta (0%)

Yellow (6%)

Black (33%)



Cyan (47%)


Magenta (33%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.5218, 0.2911, 0.3443 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 36.5218, 0.2911, 0.3443 by changing the saturation by 10% instead.


 36.5218, 0.2911,
0.3443


 36.5218, 0.2911,
0.3443


331.2355, 0.3024,
0.3363


 24.8375, 0.2881,
0.3464


 69.8367, 0.2953,
0.3413

 15.9560, 0.2842,
0.3492


 92.2360, 0.2969,
0.3402

 9.4930, 0.2788,
0.3531


 118.9758, 0.2981,
0.3393

 5.0641, 0.2709,
0.3589

150.4405, 0.2992,
0.3385

 2.2849, 0.2582,
0.3682

187.0144, 0.3002,
0.3378

 0.7657, 0.2072,
0.4028

229.0819, 0.3010,

 0.0000, 0.0000,

0.3373

0.0000

277.0275, 0.3017,
0.3367

■ 36.5218, 0.2911,
0.3443

■ 36.5218, 0.2911,
0.3443

■ 35.0386, 0.2812,
0.3531

■ 38.2409, 0.3017,
0.3363

■ 33.7760, 0.2722,
0.3625

■ 40.2013, 0.3128,
0.3290

■ 32.7240, 0.2645,
0.3726

■ 42.4140, 0.3240,
0.3224

■ 31.8700, 0.2584,
0.3832

■ 44.8877, 0.3353,
0.3166

■ 31.1999, 0.2540,
0.3941

■ 47.6311, 0.3464,
0.3115

■ 30.6980, 0.2515,
0.4051

■ 50.6522, 0.3572,
0.3070

■ 30.3455, 0.2510,
0.4162

■ 53.9497, 0.3677,
0.3030

■ 30.1014, 0.2520,
0.4271

■ 54.1802, 0.3631,
0.2979

■ 30.1006, 0.2520,
0.4271

■ 54.4184, 0.3586,
0.2928

Harmonies

Analogous

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



36.5218, 0.3107, 0.3597



36.5218, 0.2911, 0.3443



36.5218, 0.2775, 0.3248

Triad

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



36.5218, 0.2911, 0.3443



36.5218, 0.2934, 0.2944



36.5218, 0.3541, 0.3486

Complementary

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



36.5218, 0.2911, 0.3443



28.2451, 0.3402, 0.3142

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.



36.5218, 0.3492, 0.3314



36.5218, 0.2911, 0.3443



36.5218, 0.3136, 0.3008

Square

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



36.5218, 0.2911, 0.3443



36.5218, 0.2787, 0.2965



36.5218, 0.3342, 0.3142



36.5218, 0.3474, 0.3615

Rectangle

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



36.5218, 0.2911, 0.3443



36.5218, 0.2734, 0.3127



36.5218, 0.3342, 0.3142



36.5218, 0.3537, 0.3432

Sweetspot

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



36.5233, 0.2911, 0.3443



70.7092, 0.3059, 0.3334



36.6585, 0.3195, 0.3813



15.7196, 0.3052, 0.3338



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.



36.5233, 0.2911, 0.3443



65.0184, 0.2866, 0.3481



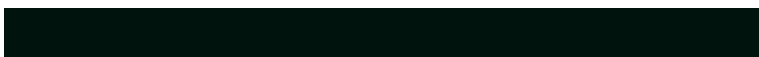
34.4078, 0.2828, 0.3185



8.4938, 0.3025, 0.3357



22.1544, 0.2517, 0.4260



0.5473, 0.2416, 0.3899

Inverse Universe

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



28.2451, 0.3402, 0.3142



47.2086, 0.3481, 0.3107



29.9212, 0.3494, 0.3392



7.5773, 0.3241, 0.3224



6.4653, 0.5738, 0.2935



0.1661, 0.4826, 0.2432

Previews

White Background



This preview shows how the Yxy color 36.5218, 0.2911, 0.3443 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 36.5218, 0.2911, 0.3443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

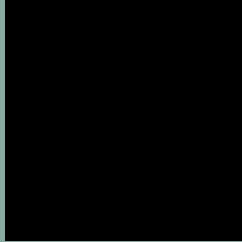
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.5218, 0.2911, 0.3443

Background



This preview shows how black text looks on a background with the Yxy color 36.5218, 0.2911, 0.3443.



This preview shows how white text looks on a background with the Yxy color 36.5218, 0.2911, 0.3443.

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

36.5218, 0.2911, 0.3443

Protanopia

36.4227, 0.3238, 0.3391

Deuteranopia

36.2233, 0.3278, 0.3207



Tritanopia

36.5082, 0.2789, 0.3097

Trichromacy



Original Color

36.5218, 0.2911, 0.3443

Protanomaly

36.4125, 0.3112, 0.3408

Deuteranomaly

36.2358, 0.3137, 0.3290

Tritanomaly

36.5114, 0.2834, 0.3214

Monochromacy



Original Color

36.5218, 0.2911, 0.3443

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

35.2769, 0.3050, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.5218, 0.2911, 0.3443 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(136, 170, 160)` looks like.

```
.text, #text, p{  
    color:rgb(136, 170, 160)  
}
```

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(136, 170, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 170, 160) }
```

Border

The CSS property to change the border of an element to Yxy 36.5218, 0.2911, 0.3443 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(136, 170, 160) }
```

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

```
.border{ border-color:rgb(136, 170, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 170, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 170, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 170, 160);  
box-shadow:4px 4px 4px 4px rgb(136, 170,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 36.5218, 0.2911, 0.3443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 170, 160) }
```

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

```
.background{ background-color: rgb(136,  
170, 160) }
```

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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