

Converting Colors

$Yxy(35.9665, 0.2960, 0.3313)$

Have a look what the booklet for
Yxy(35.9665, 0.2960, 0.3313)
contains.

Yxy(36.0638, 0.2963, 0.3320)	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(36.0638, 0.2963, 0.3320)

Conversions

Conversions Part 1

Format	Color
Hex	92A6A4
RGB	146, 166, 164
RGB Percent	57%, 65%, 64%
CMY	0.4276, 0.3490, 0.3569
CMYK	0.12, 0.00, 0.01, 0.35
HSL	174°, 10%, 61%
HSV	174°, 12%, 65%
XYZ	32.1859, 36.0638, 40.3762
YIQ	159.7920, -11.2780, -4.8620

Conversions

Conversions Part 2

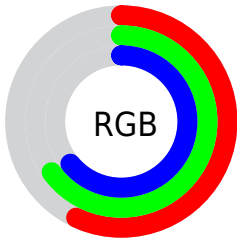
Format	Color
RYB	146, 157, 166
Decimal	9610916
CIELab	66.57, -7.39, -1.33
CIELCh	67, 7.510, 190.182
Yxy	36.0638, 0.2963, 0.3320
Android (android.graphics.Color)	4287800996 (0xFF92A6A4)
YUV	159.7920, 2.0745, -12.0956
Hunter-Lab	60.0531, -9.4248, 2.1740

Details

The Yxy color **36.0638, 0.2963, 0.3320** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.7963, 0.3319, 0.3260**, and the grayscale version is **35.0454, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.1067, 0.2994, 0.3312**, and **15.6374, 0.2911, 0.3332** is the 20% darker color. If you saturate the color by 10%, you get **34.5926, 0.2835, 0.3347**, and if you desaturate by 10%, it is **37.7597, 0.3098, 0.3295**.

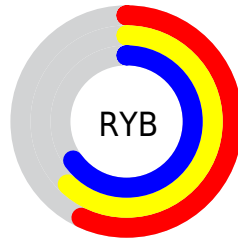
Distribution



Red (57%)

Green (65%)

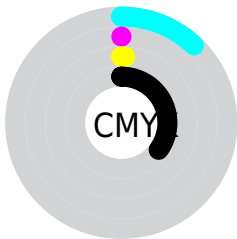
Blue (64%)



Red (57%)

Yellow (62%)

Blue (65%)

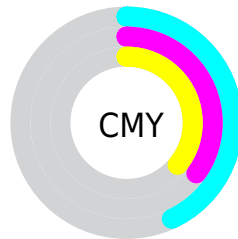


Cyan (12%)

Magenta (0%)

Yellow (1%)

Black (35%)



Cyan (43%)


Magenta (35%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.0638, 0.2963, 0.3320 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 36.0638, 0.2963, 0.3320 by changing the saturation by 10% instead.


 36.0638, 0.2963,
0.3320

 36.0638, 0.2963,
0.3320


329.2393, 0.3048,
0.3305

 24.4835, 0.2941,
0.3324


 69.1305, 0.2995,
0.3314

 15.6926, 0.2911,
0.3329


 91.3857, 0.3007,
0.3312

 9.3069, 0.2870,
0.3336


117.9680, 0.3016,
0.3311

 4.9419, 0.2811,
0.3345

149.2617, 0.3025,
0.3309

 2.2132, 0.2715,
0.3360

185.6513, 0.3032,
0.3308

 0.7272, 0.2406,
0.3426

227.5212, 0.3038,

 0.0000, 0.0000,

0.3307

0.0000

275.2557, 0.3044,
0.3306

■ 36.0638, 0.2963,
0.3320

■ 36.0638, 0.2963,
0.3320

■ 34.5926, 0.2835,
0.3347

■ 37.7597, 0.3098,
0.3295

■ 33.3322, 0.2717,
0.3377

■ 39.6848, 0.3239,
0.3272

■ 32.2738, 0.2612,
0.3408

■ 41.8489, 0.3381,
0.3252

■ 31.4064, 0.2522,
0.3441

■ 44.2601, 0.3523,
0.3234

■ 30.7181, 0.2449,
0.3474

■ 46.9259, 0.3664,
0.3218

■ 30.1953, 0.2394,
0.3509

■ 49.8538, 0.3801,
0.3204

■ 29.8228, 0.2358,
0.3543

■ 51.6628, 0.3870,
0.3189

■ 29.5822, 0.2340,
0.3577

■ 51.7298, 0.3854,
0.3172

■ 29.4524, 0.2335,
0.3604

■ 51.7976, 0.3838,
0.3154

Harmonies

Analogous

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



36.0638, 0.3058, 0.3417



36.0638, 0.2963, 0.3320



36.0638, 0.2912, 0.3216

Triad

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



36.0638, 0.2963, 0.3320



36.0638, 0.3078, 0.3110



36.0638, 0.3342, 0.3442

Complementary

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



36.0638, 0.2963, 0.3320



30.7963, 0.3319, 0.3260

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.



36.0638, 0.3348, 0.3357



36.0638, 0.2963, 0.3320



36.0638, 0.3194, 0.3168

Square

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



36.0638, 0.2963, 0.3320



36.0638, 0.2977, 0.3097



36.0638, 0.3293, 0.3258



36.0638, 0.3277, 0.3487

Rectangle

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



36.0638, 0.2963, 0.3320



36.0638, 0.2908, 0.3158



36.0638, 0.3293, 0.3258



36.0638, 0.3351, 0.3417

Sweetspot

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



36.0653, 0.2963, 0.3320



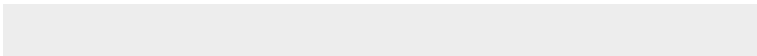
67.8696, 0.3071, 0.3300



35.6766, 0.3134, 0.3596



15.1357, 0.3061, 0.3302



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.



36.0653, 0.2963, 0.3320



64.8250, 0.2934, 0.3326



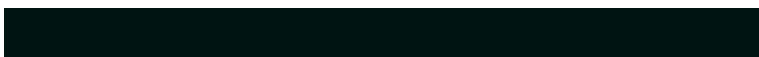
33.4291, 0.2944, 0.3173



8.5187, 0.3000, 0.3313



22.8389, 0.2334, 0.3601



0.5593, 0.2302, 0.3488

Inverse Universe

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



30.7963, 0.3319, 0.3260



53.6973, 0.3359, 0.3255



33.1804, 0.3325, 0.3404



7.5542, 0.3270, 0.3267



6.3211, 0.6257, 0.3221



0.1575, 0.5714, 0.2921

Previews

White Background



This preview shows how the Yxy color 36.0638, 0.2963, 0.3320 looks on a white background.

Color Contrast Check

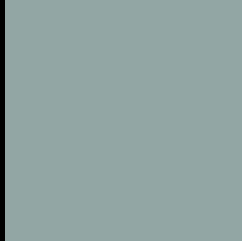
Large Text (above 18pt) WCAG AA × Fail

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 36.0638, 0.2963, 0.3320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

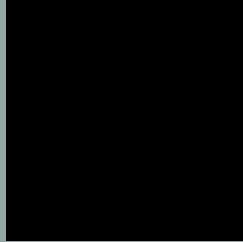
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

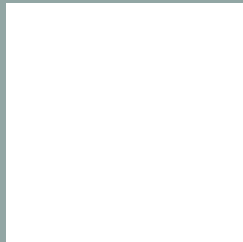
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 36.0638, 0.2963, 0.3320

Background



This preview shows how black text looks on a background with the Yxy color 36.0638, 0.2963, 0.3320.

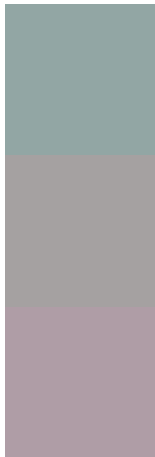


This preview shows how white text looks on a background with the Yxy color 36.0638, 0.2963, 0.3320.

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

36.0638, 0.2963, 0.3320

Protanopia

36.0623, 0.3165, 0.3290

Deuteranopia

35.9811, 0.3221, 0.3165



Tritanopia

36.0211, 0.2876, 0.3099

Trichromacy



Original Color

36.0638, 0.2963, 0.3320

Protanomaly

36.0721, 0.3089, 0.3305

Deuteranomaly

35.7507, 0.3121, 0.3218

Tritanomaly

36.0919, 0.2907, 0.3186

Monochromacy



Original Color

36.0638, 0.2963, 0.3320

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

35.3824, 0.3070, 0.3305

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.0638, 0.2963, 0.3320 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(146, 166, 164)` looks like.

```
.text, #text, p{  
    color:rgb(146, 166, 164)  
}
```

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(146, 166, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 166, 164) }
```

Border

The CSS property to change the border of an element to Yxy 36.0638, 0.2963, 0.3320 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(146, 166, 164) }
```

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

```
.border{ border-color:rgb(146, 166, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 166, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 166, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 166, 164);  
box-shadow:4px 4px 4px 4px rgb(146, 166,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 36.0638, 0.2963, 0.3320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 166, 164) }
```

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

```
.background{ background-color: rgb(146,  
166, 164) }
```

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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