

Converting Colors

$Yxy(37.1132, 0.2984, 0.3464)$

Have a look what the booklet for
Yxy(37.1132, 0.2984, 0.3464)
contains.

Yxy(37.0923, 0.2978, 0.3456)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(37.0923, 0.2978, 0.3456)

Conversions

Conversions Part 1

Format	Color
Hex	8FAA9F
RGB	143, 170, 159
RGB Percent	56%, 67%, 62%
CMY	0.4391, 0.3333, 0.3765
CMYK	0.16, 0.00, 0.06, 0.33
HSL	156°, 14%, 61%
HSV	156°, 16%, 67%
XYZ	31.9621, 37.0923, 38.2729
YIQ	160.6730, -12.5610, -9.1450

Conversions

Conversions Part 2

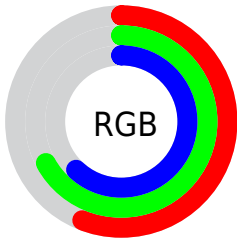
Format	Color
RYB	143, 160, 170
Decimal	9415327
CIELab	67.35, -11.55, 2.55
CIELCh	67, 11.832, 167.540
Yxy	37.0923, 0.2978, 0.3456
Android (android.graphics.Color)	4287605407 (0xFF8FAA9F)
YUV	160.6730, -0.8248, -15.4992
Hunter-Lab	60.9034, -12.9044, 5.3734

Details

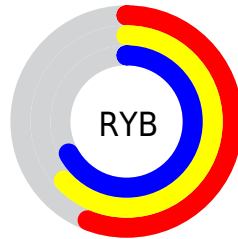
The Yxy color **37.0923, 0.2978, 0.3456** is a light color, and the websafe version is hex **669999**. A complement of this color would be **30.5302, 0.3305, 0.3130**, and the grayscale version is **35.4911, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.5758, 0.3005, 0.3416**, and **16.3149, 0.2922, 0.3506** is the 20% darker color. If you saturate the color by 10%, you get **35.4556, 0.2889, 0.3575**, and if you desaturate by 10%, it is **38.9756, 0.3071, 0.3348**.

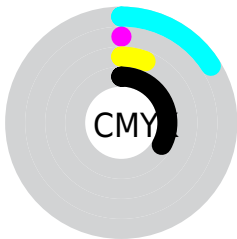
Distribution



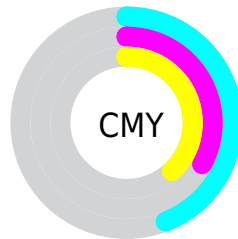
- Red (56%)
- Green (67%)
- Blue (62%)



- Red (56%)
- Yellow (63%)
- Blue (67%)



- Cyan (16%)
- Magenta (0%)
- Yellow (6%)
- Black (33%)





- Cyan (44%)
- Magenta (33%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.0923, 0.2978, 0.3456 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 37.0923, 0.2978, 0.3456 by changing the saturation by 10% instead.


 37.0923, 0.2978,
0.3456


 37.0923, 0.2978,
0.3456


333.7100, 0.3056,
0.3369

 25.2790, 0.2957,
0.3479

 70.7147, 0.3007,
0.3423

 16.2850, 0.2930,
0.3510


 93.2926, 0.3018,
0.3411

 9.7261, 0.2893,
0.3552


120.2274, 0.3027,
0.3401

 5.2177, 0.2838,
0.3616

151.9036, 0.3034,
0.3393

 2.3756, 0.2749,
0.3718

188.7056, 0.3041,
0.3386

 0.8133, 0.2441,
0.4044

231.0177, 0.3047,

 0.0000, 0.0000,

0.3379

0.0000

279.2244, 0.3052,
0.3374

■ 37.0923, 0.2978,
0.3456

■ 37.0923, 0.2978,
0.3456

■ 35.4556, 0.2889,
0.3575

■ 38.9756, 0.3071,
0.3348

■ 34.0502, 0.2808,
0.3705

■ 41.1106, 0.3167,
0.3251

■ 32.8664, 0.2736,
0.3845

■ 43.5083, 0.3262,
0.3165

■ 31.8919, 0.2678,
0.3993

■ 46.1774, 0.3357,
0.3089

■ 31.1132, 0.2636,
0.4147

■ 49.1265, 0.3449,
0.3022

■ 30.5150, 0.2613,
0.4304

■ 52.3635, 0.3539,
0.2963

■ 30.0798, 0.2609,
0.4461

■ 54.5407, 0.3564,
0.2903

■ 29.7847, 0.2624,
0.4614

■ 54.8885, 0.3502,
0.2834

■ 29.6826, 0.2633,
0.4677

■ 55.2514, 0.3441,
0.2767

Harmonies

Analogous

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



37.0923, 0.3153, 0.3571



37.0923, 0.2978, 0.3456



37.0923, 0.2845, 0.3294

Triad

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



37.0923, 0.2978, 0.3456



37.0923, 0.2927, 0.2990



37.0923, 0.3480, 0.3428

Complementary

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



37.0923, 0.2978, 0.3456



30.5302, 0.3305, 0.3130

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.



37.0923, 0.3416, 0.3276



37.0923, 0.2978, 0.3456



37.0923, 0.3093, 0.3028

Square

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



37.0923, 0.2978, 0.3456



37.0923, 0.2816, 0.3027



37.0923, 0.3273, 0.3132



37.0923, 0.3446, 0.3549

Rectangle

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



37.0923, 0.2978, 0.3456



37.0923, 0.2797, 0.3186



37.0923, 0.3273, 0.3132



37.0923, 0.3469, 0.3378

Sweetspot

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



37.0939, 0.2978, 0.3456



71.0027, 0.3079, 0.3340



37.6289, 0.3211, 0.3694



15.7781, 0.3072, 0.3347



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.



37.0939, 0.2978, 0.3456



66.2213, 0.2947, 0.3496



36.6572, 0.2890, 0.3256



8.4795, 0.3039, 0.3384



21.8460, 0.2628, 0.4661



0.5413, 0.2487, 0.4154

Inverse Universe

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



30.5302, 0.3305, 0.3130



52.0531, 0.3352, 0.3093



30.8620, 0.3415, 0.3324



7.5911, 0.3224, 0.3198



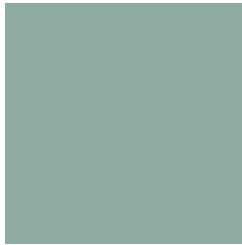
6.6163, 0.5304, 0.2695



0.1712, 0.4460, 0.2231

Previews

White Background



This preview shows how the Yxy color 37.0923, 0.2978, 0.3456 looks on a white background.

Color Contrast Check

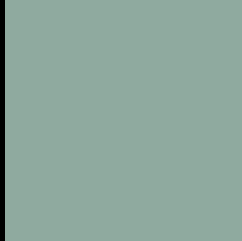
Large Text (above 18pt) WCAG AA × Fail

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 37.0923, 0.2978, 0.3456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

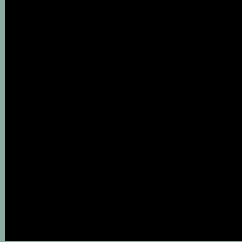
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

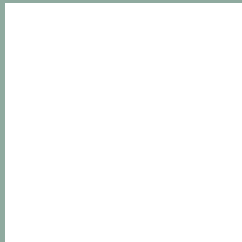
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 37.0923, 0.2978, 0.3456

Background



This preview shows how black text looks on a background with the Yxy color 37.0923, 0.2978, 0.3456.



This preview shows how white text looks on a background with the Yxy color 37.0923, 0.2978, 0.3456.

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

37.0923, 0.2978, 0.3456

Protanopia

36.9960, 0.3256, 0.3405

Deuteranopia

36.7302, 0.3316, 0.3249



Tritanopia

37.1358, 0.2846, 0.3100

Trichromacy



Original Color

37.0923, 0.2978, 0.3456

Protanomaly

37.1463, 0.3158, 0.3436

Deuteranomaly

36.5942, 0.3193, 0.3319

Tritanomaly

37.0948, 0.2900, 0.3230

Monochromacy



Original Color

37.0923, 0.2978, 0.3456

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.9590, 0.3069, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.0923, 0.2978, 0.3456 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, 159)` looks like.

```
.text, #text, p{  
  color:rgb(143, 170, 159)  
}
```

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, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 170, 159) }
```

Border

The CSS property to change the border of an element to Yxy 37.0923, 0.2978, 0.3456 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, 159) }
```

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

```
.border{ border-color:rgb(143, 170, 159) }
```

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, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(143, 170, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(143, 170, 159); box-shadow:4px 4px 4px 4px rgb(143, 170, 159) }
```


Background

The CSS property to change the background color of an element to Yxy 37.0923, 0.2978, 0.3456 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, 159) }
```

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

```
.background{ background-color: rgb(143,  
170, 159) }
```

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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