

Converting Colors

Yxy(37.1384, 0.3220, 0.3469)

Have a look what the booklet for
Yxy(37.1384, 0.3220, 0.3469)
contains.

Yxy(37.1027, 0.3223, 0.3464)	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(37.1027, 0.3223, 0.3464)

Conversions

Conversions Part 1

Format	Color
Hex	A4A599
RGB	164, 165, 153
RGB Percent	64%, 65%, 60%
CMY	0.3567, 0.3530, 0.3999
CMYK	0.01, 0.00, 0.07, 0.35
HSL	65°, 6%, 62%
HSV	65°, 7%, 65%
XYZ	34.5214, 37.1027, 35.4853
YIQ	163.3330, 3.2560, -3.9440

Conversions

Conversions Part 2

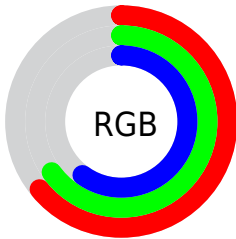
Format	Color
RYB	153, 165, 154
Decimal	10790297
CIELab	67.35, -2.54, 6.08
CIELCh	67, 6.590, 112.702
Yxy	37.1027, 0.3223, 0.3464
Android (android.graphics.Color)	4288980377 (0xFFA4A599)
YUV	163.3330, -5.0942, 0.5850
Hunter-Lab	60.9120, -5.4326, 8.0980

Details

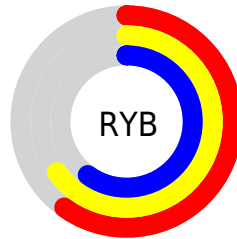
The Yxy color **37.1027, 0.3223, 0.3464** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.3710, 0.3028, 0.3111**, and the grayscale version is **36.8184, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.7515, 0.3207, 0.3434**, and **16.2143, 0.3250, 0.3516** is the 20% darker color. If you saturate the color by 10%, you get **36.4570, 0.3358, 0.3712**, and if you desaturate by 10%, it is **37.8285, 0.3092, 0.3226**.

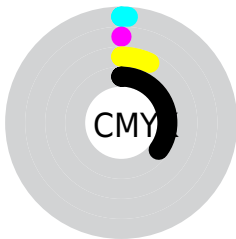
Distribution



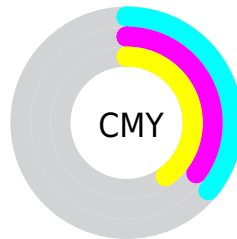
- Red (64%)
- Green (65%)
- Blue (60%)



- Red (60%)
- Yellow (65%)
- Blue (60%)



- Cyan (1%)
- Magenta (0%)
- Yellow (7%)
- Black (35%)





- Cyan (36%)
- Magenta (35%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.1027, 0.3223, 0.3464 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 37.1027, 0.3223, 0.3464 by changing the saturation by 10% instead.


 37.1027, 0.3223,
0.3464


 37.1027, 0.3223,
0.3464


333.7549, 0.3174,
0.3373

 25.2870, 0.3236,
0.3488


 70.7307, 0.3205,
0.3430

 16.2910, 0.3253,
0.3520


 93.3118, 0.3198,
0.3418

 9.7303, 0.3276,
0.3564


120.2502, 0.3192,
0.3407

 5.2205, 0.3309,
0.3628

151.9303, 0.3187,
0.3398

 2.3772, 0.3362,
0.3732

188.7364, 0.3183,
0.3391

 0.8141, 0.3581,
0.4097

231.0529, 0.3180,

 0.0000, 0.0000,

0.3384

0.0000

279.2643, 0.3176,
0.3378

■ 37.1027, 0.3223,
0.3464

■ 37.1027, 0.3223,
0.3464

■ 36.4570, 0.3358,
0.3712

■ 37.8285, 0.3092,
0.3226

■ 35.8834, 0.3493,
0.3963

■ 38.6324, 0.2966,
0.3001

■ 35.3804, 0.3624,
0.4211

■ 39.5188, 0.2849,
0.2792

■ 34.9442, 0.3745,
0.4447

■ 40.4903, 0.2739,
0.2600

■ 34.5711, 0.3851,
0.4660

■ 41.5494, 0.2639,
0.2424

■ 34.2568, 0.3938,
0.4842

■ 42.6985, 0.2547,
0.2265

■ 33.9966, 0.4001,
0.4985

■ 43.0389, 0.2539,
0.2240

■ 33.7847, 0.4038,
0.5086

■ 43.1898, 0.2548,
0.2242

■ 33.6127, 0.4053,
0.5147

■ 43.3421, 0.2557,
0.2245

Harmonies

Analogous

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



37.1027, 0.3296, 0.3443



37.1027, 0.3223, 0.3464



37.1027, 0.3125, 0.3436

Triad

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



37.1027, 0.3223, 0.3464



37.1027, 0.2935, 0.3193



37.1027, 0.3225, 0.3214

Complementary

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



37.1027, 0.3223, 0.3464



32.3710, 0.3028, 0.3111

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.



37.1027, 0.3127, 0.3150



37.1027, 0.3223, 0.3464



37.1027, 0.2961, 0.3137

Square

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



37.1027, 0.3223, 0.3464



37.1027, 0.2960, 0.3278



37.1027, 0.3030, 0.3121



37.1027, 0.3297, 0.3299

Rectangle

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



37.1027, 0.3223, 0.3464



37.1027, 0.3059, 0.3394



37.1027, 0.3030, 0.3121



37.1027, 0.3194, 0.3190

Sweetspot

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



37.1043, 0.3223, 0.3464



67.1183, 0.3154, 0.3338



33.3488, 0.3247, 0.3302



14.6767, 0.3152, 0.3335



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.



37.1043, 0.3223, 0.3464



66.2270, 0.3249, 0.3511



36.4977, 0.3168, 0.3467



8.2084, 0.3250, 0.3513



25.4074, 0.4057, 0.5161



0.5417, 0.4110, 0.5119

Inverse Universe

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



32.3710, 0.3028, 0.3111



55.6578, 0.3000, 0.3061



32.9572, 0.3084, 0.3114



6.8857, 0.2999, 0.3059



2.1303, 0.1533, 0.0618



0.0524, 0.1683, 0.0701

Previews

White Background



This preview shows how the Yxy color 37.1027, 0.3223, 0.3464 looks on a white background.

Color Contrast Check

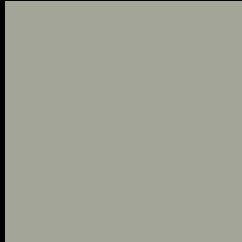
Large Text (above 18pt) WCAG AA × Fail

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 37.1027, 0.3223, 0.3464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

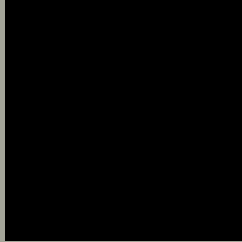
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

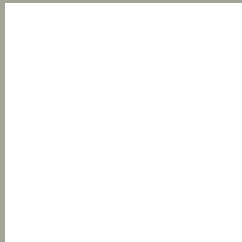
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 37.1027, 0.3223, 0.3464

Background



This preview shows how black text looks on a background with the Yxy color 37.1027, 0.3223, 0.3464.



This preview shows how white text looks on a background with the Yxy color 37.1027, 0.3223, 0.3464.

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

37.1027, 0.3223, 0.3464

Protanopia

37.0074, 0.3293, 0.3448

Deuteranopia

36.8541, 0.3413, 0.3346



Tritanopia

37.1513, 0.3061, 0.3108

Trichromacy



Original Color

37.1027, 0.3223, 0.3464

Protanomaly

37.1427, 0.3272, 0.3463

Deuteranomaly

37.0529, 0.3337, 0.3389

Tritanomaly

37.0914, 0.3120, 0.3233

Monochromacy



Original Color

37.1027, 0.3223, 0.3464

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.8407, 0.3161, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.1027, 0.3223, 0.3464 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(164, 165, 153)` looks like.

```
.text, #text, p{  
    color:rgb(164, 165, 153)  
}
```

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(164, 165, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 165, 153) }
```

Border

The CSS property to change the border of an element to Yxy 37.1027, 0.3223, 0.3464 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(164, 165, 153) }
```

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

```
.border{ border-color:rgb(164, 165, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 165, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 165, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 165, 153);  
box-shadow:4px 4px 4px 4px rgb(164, 165,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 37.1027, 0.3223, 0.3464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 165, 153) }
```

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

```
.background{ background-color: rgb(164,  
165, 153) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor