

Converting Colors

$Yxy(37.7397, 0.3158, 0.3978)$

Have a look what the booklet for
Yxy(37.7397, 0.3158, 0.3978)
contains.

Yxy(37.7019, 0.3155, 0.3978)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(37.7019, 0.3155, 0.3978)

Conversions

Conversions Part 1

Format	Color
Hex	8AAF83
RGB	138, 175, 131
RGB Percent	54%, 69%, 51%
CMY	0.4590, 0.3137, 0.4863
CMYK	0.21, 0.00, 0.25, 0.31
HSL	111°, 22%, 60%
HSV	111°, 25%, 69%
XYZ	29.9018, 37.7019, 27.1723
YIQ	158.9210, -7.9280, -21.5280

Conversions

Conversions Part 2

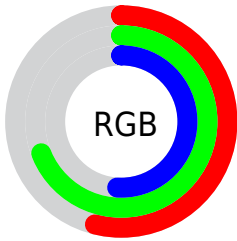
Format	Color
RYB	131, 175, 168
Decimal	9088899
CIELab	67.80, -21.15, 18.57
CIElCh	68, 28.141, 138.719
Yxy	37.7019, 0.3155, 0.3978
Android (android.graphics.Color)	4287278979 (0xFF8AAF83)
YUV	158.9210, -13.7651, -18.3477
Hunter-Lab	61.4019, -20.5263, 16.7436

Details

The Yxy color **37.7019, 0.3155, 0.3978** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **27.6587, 0.3082, 0.2662**, and the grayscale version is **34.6965, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.8190, 0.3155, 0.3843**, and **16.5394, 0.3154, 0.4215** is the 20% darker color. If you saturate the color by 10%, you get **36.0961, 0.3161, 0.4298**, and if you desaturate by 10%, it is **39.5616, 0.3146, 0.3682**.

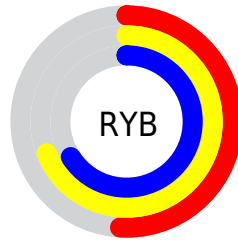
Distribution



Red (54%)

Green (69%)

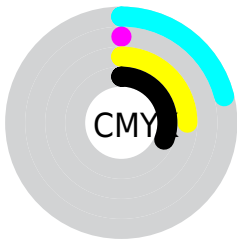
Blue (51%)



Red (51%)

Yellow (69%)

Blue (66%)

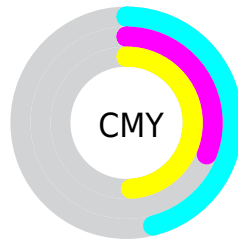


Cyan (21%)

Magenta (0%)

Yellow (25%)

Black (31%)



Cyan (46%)


Magenta (31%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.7019, 0.3155, 0.3978 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 37.7019, 0.3155, 0.3978 by changing the saturation by 10% instead.


 37.7019, 0.3155,
0.3978


 37.7019, 0.3155,
0.3978


336.3395, 0.3148,
0.3609

 25.7514, 0.3154,
0.4079


 71.6510, 0.3154,
0.3837

 16.6378, 0.3151,
0.4214


 94.4184, 0.3153,
0.3787

 9.9766, 0.3142,
0.4404


 121.5602, 0.3152,
0.3744

 5.3834, 0.3121,
0.4689

153.4608, 0.3151,
0.3709

 2.4739, 0.3066,
0.5164

190.5047, 0.3150,
0.3678

 0.8635, 0.2607,
0.7393

233.0762, 0.3150,

 0.0000, 0.0000,

0.3652

0.0000

281.5596, 0.3149,
0.3629

■ 37.7019, 0.3155,
0.3978

■ 37.7019, 0.3155,
0.3978

■ 36.0961, 0.3161,
0.4298

■ 39.5616, 0.3146,
0.3682

■ 34.7285, 0.3161,
0.4634

■ 41.6806, 0.3134,
0.3416

■ 33.5891, 0.3155,
0.4971

■ 44.0700, 0.3121,
0.3179

■ 32.6652, 0.3141,
0.5289

■ 46.7391, 0.3107,
0.2971

■ 31.9429, 0.3120,
0.5564

■ 49.6964, 0.3093,
0.2789

■ 31.4066, 0.3092,
0.5776

■ 52.9503, 0.3079,
0.2631

■ 31.0381, 0.3061,
0.5913

■ 56.5087, 0.3066,
0.2494

■ 30.9077, 0.3048,
0.5962

■ 59.1456, 0.3164,
0.2508

Harmonies

Analogous

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



37.7019, 0.3564, 0.4046



37.7019, 0.3155, 0.3978



37.7019, 0.2755, 0.3679

Triad

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



37.7019, 0.3155, 0.3978



37.7019, 0.2422, 0.2669



37.7019, 0.3828, 0.3253

Complementary

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



37.7019, 0.3155, 0.3978



27.6587, 0.3082, 0.2662

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.



37.7019, 0.3483, 0.2938



37.7019, 0.3155, 0.3978



37.7019, 0.2670, 0.2609

Square

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



37.7019, 0.3155, 0.3978



37.7019, 0.2351, 0.2897



37.7019, 0.3053, 0.2708



37.7019, 0.3971, 0.3595

Rectangle

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



37.7019, 0.3155, 0.3978



37.7019, 0.2546, 0.3407



37.7019, 0.3053, 0.2708



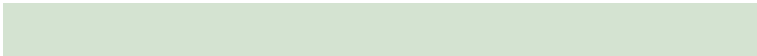
37.7019, 0.3731, 0.3142

Sweetspot

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



37.7035, 0.3155, 0.3978



73.4511, 0.3138, 0.3492



38.6409, 0.3523, 0.3810



16.1979, 0.3139, 0.3531



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



37.7035, 0.3155, 0.3978



65.9136, 0.3159, 0.4147



37.5557, 0.2981, 0.3750



8.9979, 0.3139, 0.3523



22.1480, 0.3053, 0.5958



0.6342, 0.3222, 0.5824

Inverse Universe

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



27.6587, 0.3082, 0.2662



44.9211, 0.3069, 0.2524



27.8975, 0.3311, 0.2871



8.0830, 0.3113, 0.3065



6.7036, 0.2819, 0.1326



0.2034, 0.2945, 0.1396

Previews

White Background



This preview shows how the Yxy color 37.7019, 0.3155, 0.3978 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 37.7019, 0.3155, 0.3978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

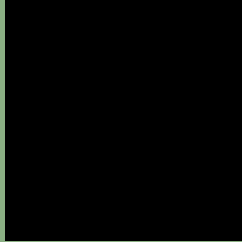
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.7019, 0.3155, 0.3978

Background



This preview shows how black text looks on a background with the Yxy color 37.7019, 0.3155, 0.3978.



This preview shows how white text looks on a background with the Yxy color 37.7019, 0.3155, 0.3978.

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

37.7019, 0.3155, 0.3978

Protanopia

37.2874, 0.3591, 0.3831

Deuteranopia

37.2794, 0.3681, 0.3603



Tritanopia

37.4937, 0.2824, 0.3086

Trichromacy



Original Color

37.7019, 0.3155, 0.3978

Protanomaly

37.2452, 0.3419, 0.3883

Deuteranomaly

37.0428, 0.3476, 0.3722

Tritanomaly

37.6098, 0.2946, 0.3410

Monochromacy



Original Color

37.7019, 0.3155, 0.3978

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

35.6595, 0.3134, 0.3532

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.7019, 0.3155, 0.3978 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(138, 175, 131)` looks like.

```
.text, #text, p{  
    color:rgb(138, 175, 131)  
}
```

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(138, 175, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 175, 131) }
```

Border

The CSS property to change the border of an element to Yxy 37.7019, 0.3155, 0.3978 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(138, 175, 131) }
```

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

```
.border{ border-color:rgb(138, 175, 131) }
```

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

Here you see how a box with a 4 pixel rgb(138, 175, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 175, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 175, 131);  
box-shadow:4px 4px 4px 4px rgb(138, 175,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 37.7019, 0.3155, 0.3978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 175, 131) }
```

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

```
.background{ background-color: rgb(138,  
175, 131) }
```

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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