

Converting Colors

$Yxy(37.2319, 0.2779, 0.3464)$

Have a look what the booklet for
Yxy(37.2319, 0.2779, 0.3464)
contains.

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Color

Yxy(37.0540, 0.2781, 0.3461)

Conversions

Conversions Part 1

Format	Color
Hex	7AAEA3
RGB	122, 174, 163
RGB Percent	48%, 68%, 64%
CMY	0.5215, 0.3176, 0.3608
CMYK	0.30, 0.00, 0.06, 0.32
HSL	167°, 24%, 58%
HSV	167°, 30%, 68%
XYZ	29.7738, 37.0540, 40.2337
YIQ	157.1980, -27.4610, -14.4450

Conversions

Conversions Part 2

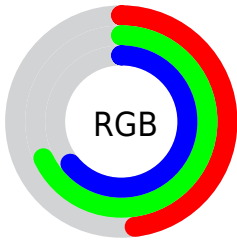
Format	Color
RYB	122, 151, 174
Decimal	8040099
CIELab	67.32, -19.55, 0.13
CIElCh	67, 19.553, 179.611
Yxy	37.0540, 0.2781, 0.3461
Android (android.graphics.Color)	4286230179 (0xFF7AAEA3)
YUV	157.1980, 2.8604, -30.8686
Hunter-Lab	60.8720, -19.2178, 3.4223

Details

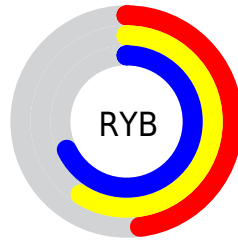
The Yxy color **37.0540, 0.2781, 0.3461** is a light color, and the websafe version is hex **669999**. A complement of this color would be **24.6140, 0.3641, 0.3128**, and the grayscale version is **33.8083, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.8857, 0.2848, 0.3430**, and **16.1620, 0.2676, 0.3515** is the 20% darker color. If you saturate the color by 10%, you get **35.7668, 0.2683, 0.3528**, and if you desaturate by 10%, it is **38.5754, 0.2890, 0.3399**.

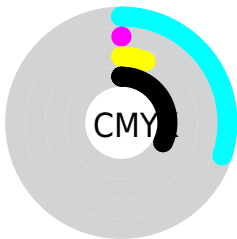
Distribution



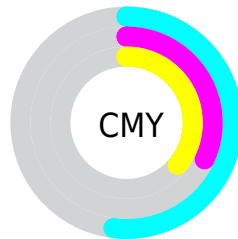
- Red (48%)
- Green (68%)
- Blue (64%)



- Red (48%)
- Yellow (59%)
- Blue (68%)



- Cyan (30%)
- Magenta (0%)
- Yellow (6%)
- Black (32%)



- Cyan (52%)
- Magenta (32%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.0540, 0.2781, 0.3461 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 37.0540, 0.2781, 0.3461 by changing the saturation by 10% instead.

■ 37.0540, 0.2781,
0.3461

■ 37.0540, 0.2781,
0.3461

■ 333.5443, 0.2960,
0.3373

■ 25.2493, 0.2734,
0.3484

■ 70.6558, 0.2848,
0.3428

■ 16.2629, 0.2673,
0.3515

■ 93.2218, 0.2872,
0.3416

■ 9.7104, 0.2589,
0.3556

■ 120.1435, 0.2893,
0.3406

■ 5.2074, 0.2467,
0.3617

■ 151.8056, 0.2910,
0.3397

■ 2.3694, 0.2274,
0.3712

■ 188.5923, 0.2925,
0.3390

■ 0.8101, 0.1481,
0.4101

■ 230.8880, 0.2939,

■ 0.0000, 0.0000,

0.3383

0.0000

279.0772, 0.2950,
0.3378

■ 37.0540, 0.2781,
0.3461

■ 37.0540, 0.2781,
0.3461

■ 35.7668, 0.2683,
0.3528

■ 38.5754, 0.2890,
0.3399

■ 34.6972, 0.2599,
0.3598

■ 40.3379, 0.3007,
0.3342

■ 33.8335, 0.2530,
0.3672

■ 42.3534, 0.3129,
0.3289

■ 33.1607, 0.2480,
0.3748

■ 44.6319, 0.3254,
0.3242

■ 32.6622, 0.2448,
0.3825

■ 47.1826, 0.3379,
0.3201

■ 32.3182, 0.2436,
0.3901

■ 50.0146, 0.3504,
0.3164

■ 32.0870, 0.2438,
0.3978

■ 53.1362, 0.3626,
0.3131

■ 32.0844, 0.2439,
0.3978

■ 55.3586, 0.3691,
0.3099

■ 55.5244, 0.3658,
0.3061

Harmonies

Analogous

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



37.0540, 0.3045, 0.3701



37.0540, 0.2781, 0.3461



37.0540, 0.2613, 0.3179

Triad

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



37.0540, 0.2781, 0.3461



37.0540, 0.2898, 0.2815



37.0540, 0.3710, 0.3597

Complementary

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



37.0540, 0.2781, 0.3461



24.6140, 0.3641, 0.3128

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.



37.0540, 0.3670, 0.3361



37.0540, 0.2781, 0.3461



37.0540, 0.3189, 0.2924

Square

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



37.0540, 0.2781, 0.3461



37.0540, 0.2677, 0.2820



37.0540, 0.3476, 0.3119



37.0540, 0.3586, 0.3769

Rectangle

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



37.0540, 0.2781, 0.3461



37.0540, 0.2573, 0.3015



37.0540, 0.3476, 0.3119



37.0540, 0.3715, 0.3523

Sweetspot

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



37.0555, 0.2781, 0.3461



73.4155, 0.3015, 0.3338



36.6871, 0.3185, 0.4120



16.2084, 0.2998, 0.3345



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.



37.0555, 0.2781, 0.3461



65.5896, 0.2713, 0.3506



32.0838, 0.2679, 0.3057



9.0426, 0.3014, 0.3338



23.2794, 0.2436, 0.3970



0.6548, 0.2372, 0.3740

Inverse Universe

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



24.6140, 0.3641, 0.3128



39.2771, 0.3807, 0.3089



28.2219, 0.3717, 0.3511



8.0421, 0.3254, 0.3242



6.6302, 0.6008, 0.3083



0.1922, 0.5206, 0.2642

Previews

White Background



This preview shows how the Yxy color 37.0540, 0.2781, 0.3461 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 37.0540, 0.2781, 0.3461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

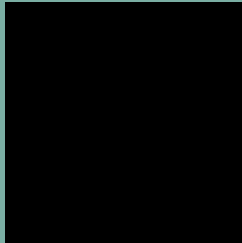
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

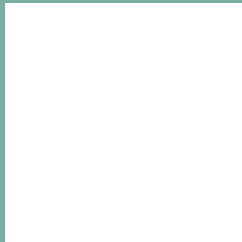
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 37.0540, 0.2781, 0.3461

Background



This preview shows how black text looks on a background with the Yxy color 37.0540, 0.2781, 0.3461.

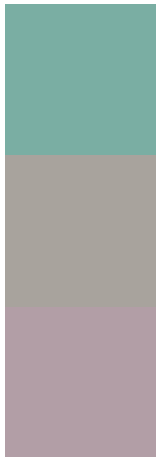


This preview shows how white text looks on a background with the Yxy color 37.0540, 0.2781, 0.3461.

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

37.0540, 0.2781, 0.3461

Protanopia

36.9535, 0.3228, 0.3376

Deuteranopia

36.6719, 0.3249, 0.3180



Tritanopia

37.1406, 0.2660, 0.3080

Trichromacy



Original Color

37.0540, 0.2781, 0.3461

Protanomaly

36.7199, 0.3049, 0.3409

Deuteranomaly

36.5366, 0.3063, 0.3275

Tritanomaly

37.0393, 0.2702, 0.3213

Monochromacy



Original Color

37.0540, 0.2781, 0.3461

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

34.6269, 0.2986, 0.3351

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.0540, 0.2781, 0.3461 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(122, 174, 163)` looks like.

```
.text, #text, p{  
    color:rgb(122, 174, 163)  
}
```

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(122, 174, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 174, 163) }
```

Border

The CSS property to change the border of an element to Yxy 37.0540, 0.2781, 0.3461 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(122, 174, 163) }
```

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

```
.border{ border-color:rgb(122, 174, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 174, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 174, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 174, 163);  
box-shadow:4px 4px 4px 4px rgb(122, 174,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 37.0540, 0.2781, 0.3461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 174, 163) }
```

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

```
.background{ background-color: rgb(122,  
174, 163) }
```

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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