

Converting Colors

$Yxy(37.2377, 0.2754, 0.3640)$

Have a look what the booklet for
Yxy(37.2377, 0.2754, 0.3640)
contains.

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Color

Yxy(37.1258, 0.2755, 0.3644)

Conversions

Conversions Part 1

Format	Color
Hex	6EB19B
RGB	110, 177, 155
RGB Percent	43%, 69%, 61%
CMY	0.5686, 0.3059, 0.3922
CMYK	0.38, 0.00, 0.12, 0.31
HSL	160°, 30%, 56%
HSV	160°, 38%, 69%
XYZ	28.0685, 37.1258, 36.6877
YIQ	154.4590, -32.8700, -21.0460

Conversions

Conversions Part 2

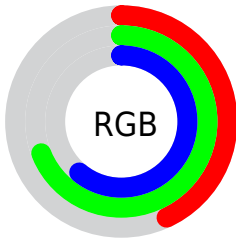
Format	Color
RYB	110, 150, 177
Decimal	7254427
CIELab	67.37, -26.40, 4.57
CIELCh	67, 26.788, 170.173
Yxy	37.1258, 0.2755, 0.3644
Android (android.graphics.Color)	4285444507 (0xFF6EB19B)
YUV	154.4590, 0.2667, -38.9905
Hunter-Lab	60.9309, -24.4012, 6.9520

Details

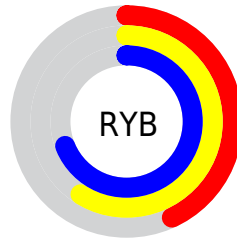
The Yxy color **37.1258, 0.2755, 0.3644** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.1690, 0.3732, 0.2968**, and the grayscale version is **32.5380, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.7738, 0.2829, 0.3579**, and **16.3143, 0.2638, 0.3758** is the 20% darker color. If you saturate the color by 10%, you get **35.9121, 0.2678, 0.3756**, and if you desaturate by 10%, it is **38.5787, 0.2843, 0.3539**.

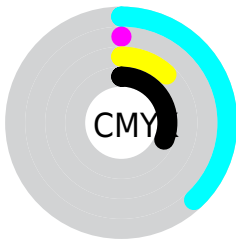
Distribution



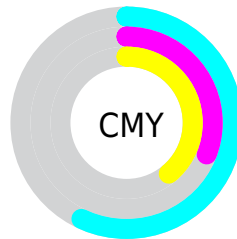
- Red (43%)
- Green (69%)
- Blue (61%)



- Red (43%)
- Yellow (59%)
- Blue (69%)



- Cyan (38%)
- Magenta (0%)
- Yellow (12%)
- Black (31%)





- Cyan (57%)
- Magenta (31%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.1258, 0.2755, 0.3644 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 37.1258, 0.2755, 0.3644 by changing the saturation by 10% instead.


 37.1258, 0.2755,
0.3644

 37.1258, 0.2755,
0.3644


333.8548, 0.2950,
0.3457

 25.3049, 0.2704,
0.3694


 70.7662, 0.2828,
0.3573


 16.3044, 0.2636,
0.3762


 93.3545, 0.2854,
0.3548

 9.7398, 0.2542,
0.3855


 120.3008, 0.2877,
0.3526

 5.2268, 0.2405,
0.3995

 151.9894, 0.2896,
0.3508

 2.3809, 0.2186,
0.4225

188.8047, 0.2912,
0.3492

 0.8160, 0.0866,
0.5382

231.1311, 0.2926,

 0.0000, 0.0000,

0.3479

0.0000

279.3530, 0.2939,
0.3467

■ 37.1258, 0.2755,
0.3644

■ 37.1258, 0.2755,
0.3644

■ 35.9121, 0.2678,
0.3756

■ 38.5787, 0.2843,
0.3539

■ 34.9194, 0.2616,
0.3875

■ 40.2789, 0.2941,
0.3442

■ 34.1341, 0.2572,
0.3998

■ 42.2395, 0.3044,
0.3353

■ 33.5389, 0.2546,
0.4122

■ 44.4715, 0.3150,
0.3274

■ 33.1141, 0.2540,
0.4247

■ 46.9852, 0.3258,
0.3202

■ 32.8279, 0.2552,
0.4371

■ 49.7903, 0.3366,
0.3139

■ 32.7730, 0.2555,
0.4397

■ 52.8961, 0.3471,
0.3083

■ 56.3114, 0.3574,
0.3034

■ 57.2278, 0.3552,
0.2978

Harmonies

Analogous

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



37.1258, 0.3135, 0.3937



37.1258, 0.2755, 0.3644



37.1258, 0.2485, 0.3250

Triad

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



37.1258, 0.2755, 0.3644



37.1258, 0.2705, 0.2637



37.1258, 0.3935, 0.3599

Complementary

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



37.1258, 0.2755, 0.3644



22.1690, 0.3732, 0.2968

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.



37.1258, 0.3809, 0.3272



37.1258, 0.2755, 0.3644



37.1258, 0.3077, 0.2739

Square

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



37.1258, 0.2755, 0.3644



37.1258, 0.2459, 0.2688



37.1258, 0.3487, 0.2966



37.1258, 0.3827, 0.3877

Rectangle

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



37.1258, 0.2755, 0.3644



37.1258, 0.2395, 0.3005



37.1258, 0.3487, 0.2966



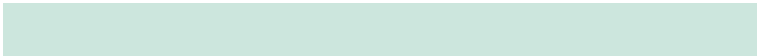
37.1258, 0.3919, 0.3492

Sweetspot

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



37.1273, 0.2755, 0.3644



74.4203, 0.3009, 0.3382



37.5049, 0.3264, 0.4355



16.0267, 0.2995, 0.3393



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.



37.1273, 0.2755, 0.3644



64.7335, 0.2693, 0.3733



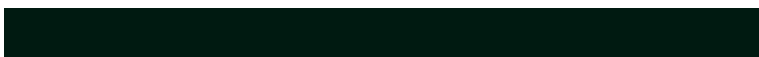
33.7039, 0.2583, 0.3112



9.5831, 0.3028, 0.3366



23.7558, 0.2551, 0.4384



0.7577, 0.2456, 0.4040

Inverse Universe

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



22.1690, 0.3732, 0.2968



34.2639, 0.3922, 0.2901



24.1916, 0.3975, 0.3458



8.5498, 0.3237, 0.3215



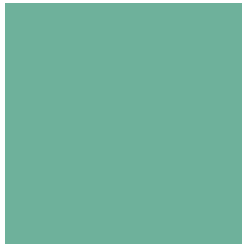
7.0052, 0.5621, 0.2870



0.2315, 0.4825, 0.2431

Previews

White Background



This preview shows how the Yxy color 37.1258, 0.2755, 0.3644 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 37.1258, 0.2755, 0.3644 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 37.1258, 0.2755, 0.3644

Background



This preview shows how black text looks on a background with the Yxy color 37.1258, 0.2755, 0.3644.



This preview shows how white text looks on a background with the Yxy color 37.1258, 0.2755, 0.3644.

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

37.1258, 0.2755, 0.3644

Protanopia

36.8470, 0.3338, 0.3521

Deuteranopia

36.7807, 0.3345, 0.3277



Tritanopia

37.2839, 0.2594, 0.3092

Trichromacy



Original Color

37.1258, 0.2755, 0.3644

Protanomaly

36.5032, 0.3096, 0.3563

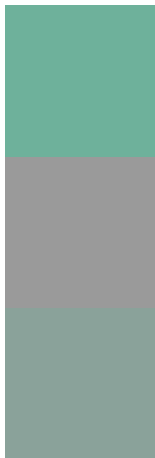
Deuteranomaly

36.3475, 0.3094, 0.3394

Tritanomaly

37.0121, 0.2648, 0.3273

Monochromacy



Original Color

37.1258, 0.2755, 0.3644

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

33.5770, 0.2973, 0.3415

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.1258, 0.2755, 0.3644 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(110, 177, 155)` looks like.

```
.text, #text, p{  
    color:rgb(110, 177, 155)  
}
```

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(110, 177, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 177, 155) }
```

Border

The CSS property to change the border of an element to Yxy 37.1258, 0.2755, 0.3644 is called "border". The border property can be set on classes, ids or directly on the HTML element.

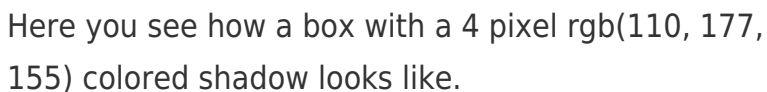
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(110, 177, 155) }
```

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

```
.border{ border-color:rgb(110, 177, 155) }
```

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



Here you see how a box with a 4 pixel `rgb(110, 177, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 177, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 177, 155);  
box-shadow:4px 4px 4px 4px rgb(110, 177,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 37.1258, 0.2755, 0.3644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 177, 155) }
```

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

```
.background{ background-color: rgb(110,  
177, 155) }
```

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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