

Converting Colors

$Y_{xy}(16.6154, 0.3409, 0.3595)$

Have a look what the booklet for
Yxy(16.6154, 0.3409, 0.3595)
contains.

Yxy(16.6140, 0.3397, 0.3591)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(16.6140, 0.3397, 0.3591)

Conversions

Conversions Part 1

Format	Color
Hex	777162
RGB	119, 113, 98
RGB Percent	47%, 44%, 38%
CMY	0.5334, 0.5568, 0.6157
CMYK	0.00, 0.05, 0.18, 0.53
HSL	43°, 10%, 43%
HSV	43°, 18%, 47%
XYZ	15.7164, 16.6140, 13.9352
YIQ	113.0840, 8.3910, -3.3930

Conversions

Conversions Part 2

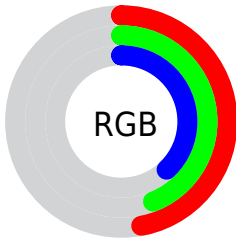
Format	Color
R_{YB}	106, 119, 98
Decimal	7827810
CIE _{Lab}	47.77, -0.43, 9.16
CIE _{LCh}	48, 9.169, 92.712
Yxy	16.6140, 0.3397, 0.3591
Android (android.graphics.Color)	4286017890 (0xFF777162)
YUV	113.0840, -7.4364, 5.1883
Hunter-Lab	40.7603, -2.5040, 8.2620

Details

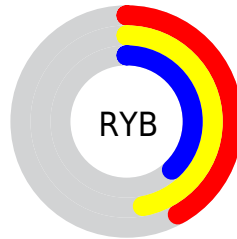
The Yxy color **16.6140, 0.3397, 0.3591** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.8270, 0.2860, 0.2970**, and the grayscale version is **16.5604, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.7381, 0.3326, 0.3519**, and **5.3306, 0.3502, 0.3707** is the 20% darker color. If you saturate the color by 10%, you get **15.6635, 0.3567, 0.3769**, and if you desaturate by 10%, it is **17.6277, 0.3239, 0.3417**.

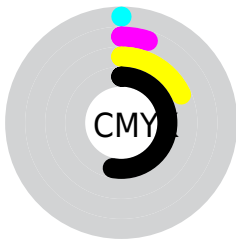
Distribution



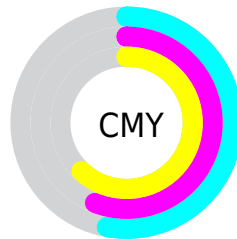
- Red (47%)
- Green (44%)
- Blue (38%)



- Red (42%)
- Yellow (47%)
- Blue (38%)



- Cyan (0%)
- Magenta (5%)
- Yellow (18%)
- Black (53%)



- Cyan (53%)
- Magenta (56%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 16.6140, 0.3397, 0.3591 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 16.6140, 0.3397, 0.3591 by changing the saturation by 10% instead.

■ 16.6140, 0.3397,
0.3591

■ 16.6140, 0.3397,
0.3591

232.9380, 0.3239,
0.3415

■ 9.9597, 0.3447,
0.3647

■ 37.6609, 0.3333,
0.3519

■ 5.3722, 0.3519,
0.3728

■ 52.8223, 0.3311,
0.3495

■ 2.4673, 0.3632,
0.3856

■ 71.5881, 0.3293,
0.3475

■ 0.8602, 0.4110,
0.4381

■ 94.3428, 0.3279,
0.3459

■ 0.0000, 0.0000,
0.0000

121.4707, 0.3266,
0.3445

153.3563, 0.3256,

0.3433

190.3840, 0.3247,
0.3423

■ 16.6140, 0.3397,
0.3591

■ 16.6140, 0.3397,
0.3591

■ 15.6635, 0.3567,
0.3769

■ 17.6277, 0.3239,
0.3417

■ 14.7721, 0.3748,
0.3947

■ 18.7042, 0.3094,
0.3252

■ 13.9388, 0.3935,
0.4118

■ 19.8456, 0.2963,
0.3095

■ 13.1616, 0.4123,
0.4274

■ 21.0535, 0.2844,
0.2950

■ 12.4382, 0.4305,
0.4406

■ 22.3294, 0.2737,
0.2815

■ 11.7662, 0.4473,
0.4505

■ 23.6748, 0.2641,
0.2690

■ 11.1428, 0.4620,
0.4562

■ 25.0908, 0.2556,
0.2576

■ 10.5616, 0.4747,
0.4583

■ 26.5789, 0.2479,
0.2472

■ 10.4282, 0.4778,
0.4588

■ 28.1404, 0.2410,
0.2376

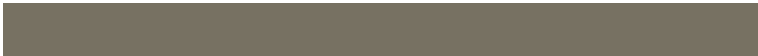
Harmonies

Analogous

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



16.6140, 0.3479, 0.3498



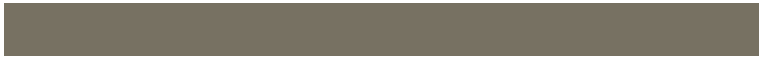
16.6140, 0.3397, 0.3591



16.6140, 0.3243, 0.3603

Triad

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



16.6140, 0.3397, 0.3591



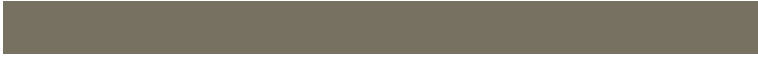
16.6140, 0.2801, 0.3210



16.6140, 0.3186, 0.3071

Complementary

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



16.6140, 0.3397, 0.3591



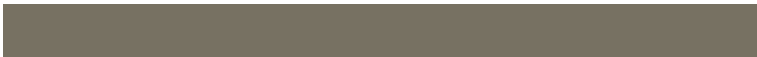
13.8270, 0.2860, 0.2970

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.



16.6140, 0.3005, 0.2996



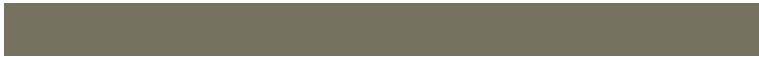
16.6140, 0.3397, 0.3591



16.6140, 0.2787, 0.3070

Square

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



16.6140, 0.3397, 0.3591



16.6140, 0.2900, 0.3378



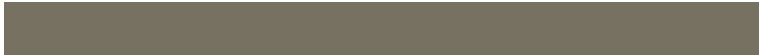
16.6140, 0.2860, 0.2995



16.6140, 0.3356, 0.3200

Rectangle

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



16.6140, 0.3397, 0.3591



16.6140, 0.3122, 0.3560



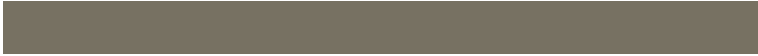
16.6140, 0.2860, 0.2995



16.6140, 0.3125, 0.3039

Sweetspot

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



16.6147, 0.3397, 0.3591



32.0455, 0.3201, 0.3375



13.6634, 0.3354, 0.3163



7.5689, 0.3210, 0.3385



62.0916, 0.3127, 0.3290



7.8288, 0.3127, 0.3290

Same Dimension

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



16.6147, 0.3397, 0.3591



29.0812, 0.3462, 0.3660



17.7036, 0.3322, 0.3713



4.0983, 0.3260, 0.3441



11.0650, 0.4780, 0.4587



52.4064, 0.4819, 0.4556

Inverse Universe

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



13.8270, 0.2860, 0.2970



23.1437, 0.2796, 0.2890



12.9049, 0.2911, 0.2846



3.7443, 0.2995, 0.3134



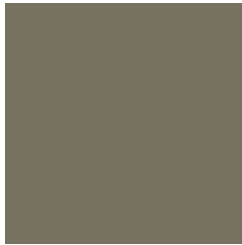
2.6111, 0.1617, 0.1021



11.4339, 0.1593, 0.0934

Previews

White Background



This preview shows how the Yxy color 16.6140, 0.3397, 0.3591 looks on a white 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 × Fail

Black Background



This preview shows how the Yxy color 16.6140, 0.3397, 0.3591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

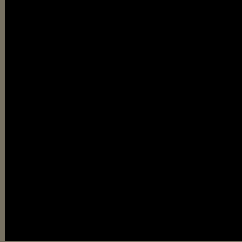
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 16.6140, 0.3397, 0.3591

Background



This preview shows how black text looks on a background with the Yxy color 16.6140, 0.3397, 0.3591.



This preview shows how white text looks on a background with the Yxy color 16.6140, 0.3397, 0.3591.

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

16.6140, 0.3397, 0.3591

Protanopia

16.6140, 0.3397, 0.3591

Deuteranopia

16.5840, 0.3554, 0.3482



Tritanopia

16.6213, 0.3175, 0.3117

Trichromacy



Original Color

16.6140, 0.3397, 0.3591

Protanomaly

16.6140, 0.3397, 0.3591

Deuteranomaly

16.4883, 0.3493, 0.3505

Tritanomaly

16.5815, 0.3262, 0.3290

Monochromacy



Original Color

16.6140, 0.3397, 0.3591

Achromatopsia

16.5132, 0.3127, 0.3290

Achromatomaly

16.5378, 0.3215, 0.3391

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.6140, 0.3397, 0.3591 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(119, 113, 98)` looks like.

```
.text, #text, p{  
    color:rgb(119, 113, 98)  
}
```

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(119, 113, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 113, 98) }
```

Border

The CSS property to change the border of an element to Yxy 16.6140, 0.3397, 0.3591 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(119, 113, 98) }
```

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

```
.border{ border-color:rgb(119, 113, 98) }
```

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

Here you see how a box with a 4 pixel rgb(119, 113, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 113, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 113, 98);  
box-shadow:4px 4px 4px 4px rgb(119, 113,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 16.6140, 0.3397, 0.3591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 113, 98) }
```

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

```
.background{ background-color: rgb(119,  
113, 98) }
```

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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