

Converting Colors

$Y_{xy}(14.4287, 0.2762, 0.3731)$

Have a look what the booklet for
Yxy(14.4287, 0.2762, 0.3731)
contains.

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Color

Yxy(14.3178, 0.2759, 0.3725)

Conversions

Conversions Part 1

Format	Color
Hex	437361
RGB	67, 115, 97
RGB Percent	26%, 45%, 38%
CMY	0.7371, 0.5490, 0.6196
CMYK	0.42, 0.00, 0.16, 0.55
HSL	157°, 26%, 36%
HSV	157°, 42%, 45%
XYZ	10.6048, 14.3178, 13.5145
YIQ	98.5960, -22.8300, -15.7740

Conversions

Conversions Part 2

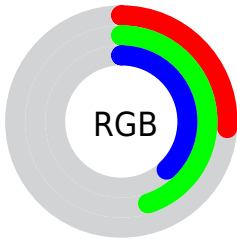
Format	Color
RYB	67, 97, 115
Decimal	4420449
CIELab	44.69, -20.87, 4.87
CIELCh	45, 21.426, 166.875
Yxy	14.3178, 0.2759, 0.3725
Android (android.graphics.Color)	4282610529 (0xFF437361)
YUV	98.5960, -0.7868, -27.7097
Hunter-Lab	37.8389, -16.1913, 5.3113

Details

The Yxy color **14.3178, 0.2759, 0.3725** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8.3191, 0.3738, 0.2901**, and the grayscale version is **12.3789, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.5575, 0.2845, 0.3602**, and **4.3725, 0.2570, 0.3962** is the 20% darker color. If you saturate the color by 10%, you get **13.8730, 0.2692, 0.3851**, and if you desaturate by 10%, it is **14.8489, 0.2837, 0.3606**.

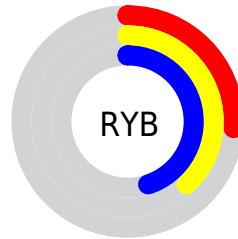
Distribution



Red (26%)

Green (45%)

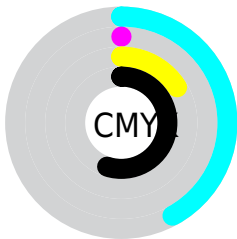
Blue (38%)



Red (26%)

Yellow (38%)

Blue (45%)

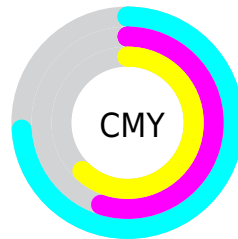


Cyan (42%)

Magenta (0%)

Yellow (16%)

Black (55%)



Cyan (74%)


Magenta (55%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.3178, 0.2759, 0.3725 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 14.3178, 0.2759, 0.3725 by changing the saturation by 10% instead.


 14.3178, 0.2759,
0.3725


 14.3178, 0.2759,
0.3725


219.1990, 0.2981,
0.3460


 8.3420, 0.2684,
0.3816


 33.6519, 0.2852,
0.3613


 4.3146, 0.2571,
0.3956

 47.7789, 0.2883,
0.3576


 1.8510, 0.2383,
0.4196

 65.3919, 0.2908,
0.3546

 0.5187, 0.0000,
0.6978

 86.8752, 0.2928,
0.3523

 0.0000, 0.0000,
0.0000

 112.6131, 0.2945,
0.3503

142.9902, 0.2959,

0.3486

178.3906, 0.2971,
0.3472

■ 14.3178, 0.2759,
0.3725

■ 14.3178, 0.2759,
0.3725

■ 13.8730, 0.2692,
0.3851

■ 14.8489, 0.2837,
0.3606

■ 13.5078, 0.2639,
0.3984

■ 15.4690, 0.2923,
0.3497

■ 13.2175, 0.2602,
0.4121

■ 16.1829, 0.3015,
0.3396


■ 12.9961, 0.2583,
0.4260

■ 16.9944, 0.3111,
0.3305

■ 12.8363, 0.2582,
0.4398


■ 17.9073, 0.3208,
0.3223

 12.7268, 0.2587,
0.4513

 18.9249, 0.3305,
0.3149

 20.0506, 0.3400,
0.3084

 21.2875, 0.3493,
0.3027

 22.6388, 0.3583,
0.2977

Harmonies

Analogous

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



14.3178, 0.3182, 0.4028



14.3178, 0.2759, 0.3725



14.3178, 0.2448, 0.3291

Triad

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



14.3178, 0.2759, 0.3725



14.3178, 0.2627, 0.2576



14.3178, 0.4013, 0.3585

Complementary

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



14.3178, 0.2759, 0.3725



8.3191, 0.3738, 0.2901

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.



14.3178, 0.3848, 0.3228



14.3178, 0.2759, 0.3725



14.3178, 0.3021, 0.2671

Square

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



14.3178, 0.2759, 0.3725



14.3178, 0.2379, 0.2647



14.3178, 0.3474, 0.2903



14.3178, 0.3919, 0.3901

Rectangle

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



14.3178, 0.2759, 0.3725



14.3178, 0.2338, 0.3015



14.3178, 0.3474, 0.2903



14.3178, 0.3986, 0.3467

Sweetspot

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



14.3184, 0.2759, 0.3725



28.7598, 0.3000, 0.3412



14.6174, 0.3301, 0.4415



6.8035, 0.2983, 0.3430



60.3827, 0.3127, 0.3290



7.3239, 0.3127, 0.3290

Same Dimension

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



14.3184, 0.2759, 0.3725



24.8724, 0.2695, 0.3846



13.4553, 0.2563, 0.3157



4.1331, 0.3040, 0.3371



14.5460, 0.2589, 0.4522



70.7145, 0.2609, 0.4594

Inverse Universe

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



8.3191, 0.3738, 0.2901



12.5778, 0.3953, 0.2815



8.7667, 0.4068, 0.3416



3.7215, 0.3223, 0.3211



4.3635, 0.5391, 0.2744



21.1092, 0.5525, 0.2817

Previews

White Background



This preview shows how the Yxy color 14.3178, 0.2759, 0.3725 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 14.3178, 0.2759, 0.3725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

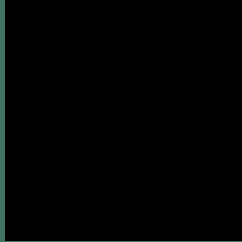
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.3178, 0.2759, 0.3725

Background



This preview shows how black text looks on a background with the Yxy color 14.3178, 0.2759, 0.3725.

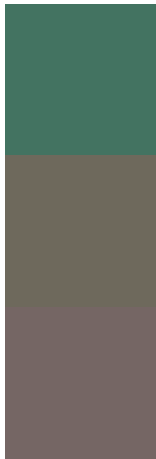


This preview shows how white text looks on a background with the Yxy color 14.3178, 0.2759, 0.3725.

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

14.3178, 0.2759, 0.3725

Protanopia

14.1909, 0.3374, 0.3569

Deuteranopia

14.2048, 0.3375, 0.3332



Tritanopia

14.3853, 0.2573, 0.3086

Trichromacy



Original Color

14.3178, 0.2759, 0.3725

Protanomaly

14.1251, 0.3111, 0.3630

Deuteranomaly

14.0689, 0.3119, 0.3467

Tritanomaly

14.3197, 0.2643, 0.3312

Monochromacy



Original Color

14.3178, 0.2759, 0.3725

Achromatopsia

12.4772, 0.3127, 0.3290

Achromatomaly

13.0112, 0.2969, 0.3454

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.3178, 0.2759, 0.3725 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(67, 115, 97)` looks like.

```
.text, #text, p{  
  color:rgb(67, 115, 97)  
}
```

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(67, 115, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 115, 97) }
```

Border

The CSS property to change the border of an element to Yxy 14.3178, 0.2759, 0.3725 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(67, 115, 97) }
```

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

```
.border{ border-color:rgb(67, 115, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 115, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 115, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 115, 97);  
box-shadow:4px 4px 4px 4px rgb(67, 115,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 14.3178, 0.2759, 0.3725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 115, 97) }
```

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

```
.background{ background-color: rgb(67, 115,  
97) }
```

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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