

Converting Colors

$Yxy(14.5417, 0.2799, 0.3882)$

Have a look what the booklet for
Yxy(14.5417, 0.2799, 0.3882)
contains.

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Color

Yxy(14.6535, 0.2804, 0.3898)

Conversions

Conversions Part 1

Format	Color
Hex	42755C
RGB	66, 117, 92
RGB Percent	26%, 46%, 36%
CMY	0.7411, 0.5412, 0.6392
CMYK	0.44, 0.00, 0.21, 0.54
HSL	151°, 28%, 36%
HSV	151°, 44%, 46%
XYZ	10.5409, 14.6535, 12.3980
YIQ	98.9010, -22.3710, -18.5870

Conversions

Conversions Part 2

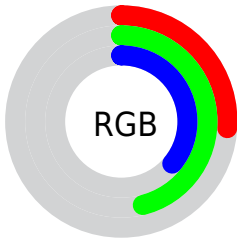
Format	Color
RYB	66, 100, 117
Decimal	4355420
CIELab	45.16, -23.38, 8.50
CIELCh	45, 24.877, 160.013
Yxy	14.6535, 0.2804, 0.3898
Android (android.graphics.Color)	4282545500 (0xFF42755C)
YUV	98.9010, -3.4022, -28.8542
Hunter-Lab	38.2799, -17.8374, 7.5933

Details

The Yxy color **14.6535, 0.2804, 0.3898** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8.4367, 0.3657, 0.2761**, and the grayscale version is **12.4656, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.1108, 0.2892, 0.3736**, and **4.4331, 0.2630, 0.4228** is the 20% darker color. If you saturate the color by 10%, you get **14.1917, 0.2750, 0.4069**, and if you desaturate by 10%, it is **15.2073, 0.2869, 0.3737**.

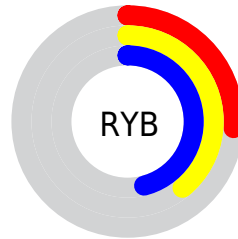
Distribution



Red (26%)

Green (46%)

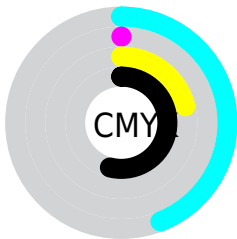
Blue (36%)



Red (26%)

Yellow (39%)

Blue (46%)

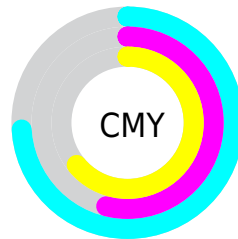


Cyan (44%)

Magenta (0%)

Yellow (21%)

Black (54%)



Cyan (74%)


Magenta (54%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.6535, 0.2804, 0.3898 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 14.6535, 0.2804, 0.3898 by changing the saturation by 10% instead.


 14.6535, 0.2804,
0.3898


 14.6535, 0.2804,
0.3898


221.2593, 0.3002,
0.3524


 8.5766, 0.2736,
0.4028


 34.2442, 0.2888,
0.3739


 4.4660, 0.2631,
0.4229

 48.5267, 0.2915,
0.3687

 1.9375, 0.2451,
0.4577

 66.3132, 0.2937,
0.3646

 0.5708, 0.0000,
0.9548

 87.9881, 0.2955,
0.3612

 0.0000, 0.0000,
0.0000

 113.9357, 0.2970,
0.3585

144.5405, 0.2982,

0.3561

180.1869, 0.2993,
0.3541

■ 14.6535, 0.2804,
0.3898

■ 14.6535, 0.2804,
0.3898

■ 14.1917, 0.2750,
0.4069

■ 15.2073, 0.2869,
0.3737

■ 13.8148, 0.2709,
0.4248

■ 15.8560, 0.2941,
0.3589

■ 13.5175, 0.2684,
0.4432


■ 16.6049, 0.3018,
0.3453

■ 13.2933, 0.2677,
0.4616

■ 17.4580, 0.3098,
0.3331

■ 13.1333, 0.2688,
0.4795


■ 18.4193, 0.3179,
0.3221

 13.0446, 0.2697,
0.4909

 19.4926, 0.3260,
0.3123

 20.6814, 0.3339,
0.3037

 21.9892, 0.3415,
0.2961

 23.4191, 0.3489,
0.2894

Harmonies

Analogous

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



14.6535, 0.3301, 0.4190



14.6535, 0.2804, 0.3898



14.6535, 0.2415, 0.3404

Triad

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



14.6535, 0.2804, 0.3898



14.6535, 0.2473, 0.2478



14.6535, 0.4131, 0.3525

Complementary

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



14.6535, 0.2804, 0.3898



8.4367, 0.3657, 0.2761

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.



14.6535, 0.3876, 0.3124



14.6535, 0.2804, 0.3898



14.6535, 0.2889, 0.2547

Square

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



14.6535, 0.2804, 0.3898



14.6535, 0.2239, 0.2599



14.6535, 0.3406, 0.2777



14.6535, 0.4086, 0.3908

Rectangle

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



14.6535, 0.2804, 0.3898



14.6535, 0.2259, 0.3070



14.6535, 0.3406, 0.2777



14.6535, 0.4078, 0.3390

Sweetspot

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



14.6541, 0.2804, 0.3898



29.7686, 0.3020, 0.3450



15.3662, 0.3386, 0.4443



6.7853, 0.3006, 0.3474



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.



14.6541, 0.2804, 0.3898



25.4307, 0.2751, 0.4065



15.1657, 0.2563, 0.3288



4.1265, 0.3054, 0.3396



14.3694, 0.2699, 0.4916



69.8505, 0.2724, 0.5006

Inverse Universe

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



8.4367, 0.3657, 0.2761



12.7755, 0.3836, 0.2649



8.0746, 0.4188, 0.3293



3.7280, 0.3207, 0.3186



4.4933, 0.4925, 0.2487



21.7243, 0.5040, 0.2550

Previews

White Background



This preview shows how the Yxy color 14.6535, 0.2804, 0.3898 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 14.6535, 0.2804, 0.3898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

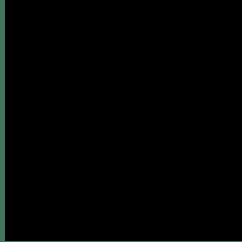
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.6535, 0.2804, 0.3898

Background



This preview shows how black text looks on a background with the Yxy color 14.6535, 0.2804, 0.3898.

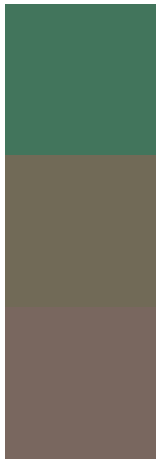


This preview shows how white text looks on a background with the Yxy color 14.6535, 0.2804, 0.3898.

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

14.6535, 0.2804, 0.3898

Protanopia

14.5069, 0.3483, 0.3693

Deuteranopia

14.5917, 0.3503, 0.3453



Tritanopia

14.6319, 0.2567, 0.3087

Trichromacy



Original Color

14.6535, 0.2804, 0.3898

Protanomaly

14.3599, 0.3199, 0.3765

Deuteranomaly

14.3000, 0.3209, 0.3600

Tritanomaly

14.4844, 0.2646, 0.3358

Monochromacy



Original Color

14.6535, 0.2804, 0.3898

Achromatopsia

12.4772, 0.3127, 0.3290

Achromatomaly

13.1788, 0.2994, 0.3524

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.6535, 0.2804, 0.3898 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(66, 117, 92)` looks like.

```
.text, #text, p{  
    color:rgb(66, 117, 92)  
}
```

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(66, 117, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 117, 92) }
```

Border

The CSS property to change the border of an element to Yxy 14.6535, 0.2804, 0.3898 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(66, 117, 92) }
```

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

```
.border{ border-color:rgb(66, 117, 92) }
```

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

Here you see how a box with a 4 pixel rgb(66, 117, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 117, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 117, 92);  
box-shadow:4px 4px 4px 4px rgb(66, 117,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 14.6535, 0.2804, 0.3898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 117, 92) }
```

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

```
.background{ background-color: rgb(66, 117,  
92) }
```

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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