

Converting Colors

$Y_{xy}(14.3706, 0.2824, 0.4089)$

Have a look what the booklet for
Yxy(14.3706, 0.2824, 0.4089)
contains.

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Color

Yxy(14.3706, 0.2824, 0.4089)

Conversions

Conversions Part 1

Format	Color
Hex	3D7555
RGB	61, 117, 85
RGB Percent	24%, 46%, 33%
CMY	0.7609, 0.5412, 0.6666
CMYK	0.48, 0.00, 0.27, 0.54
HSL	146°, 31%, 35%
HSV	146°, 48%, 46%
XYZ	9.9248, 14.3706, 10.8491
YIQ	96.6080, -23.1040, -21.8240

Conversions

Conversions Part 2

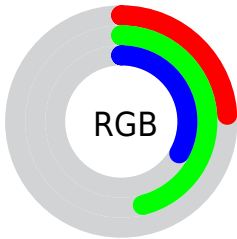
Format	Color
RYB	61, 100, 117
Decimal	4027733
CIELab	44.76, -26.45, 12.04
CIELCh	45, 29.057, 155.525
Yxy	14.3706, 0.2824, 0.4089
Android (android.graphics.Color)	4282217813 (0xFF3D7555)
YUV	96.6080, -5.7227, -31.2282
Hunter-Lab	37.9086, -19.6070, 9.5677

Details

The Yxy color **14.3706, 0.2824, 0.4089** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **7.9064, 0.3638, 0.2620**, and the grayscale version is **11.8706, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.9435, 0.2906, 0.3879**, and **4.3262, 0.2641, 0.4525** is the 20% darker color. If you saturate the color by 10%, you get **13.9385, 0.2782, 0.4295**, and if you desaturate by 10%, it is **14.8949, 0.2877, 0.3894**.

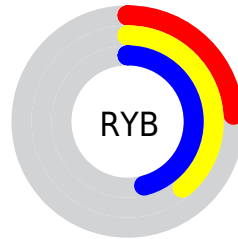
Distribution



Red (24%)

Green (46%)

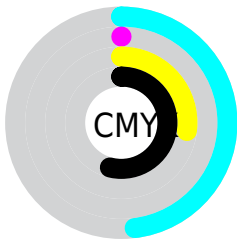
Blue (33%)



Red (24%)

Yellow (39%)

Blue (46%)

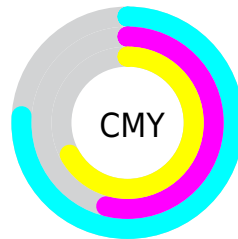


Cyan (48%)

Magenta (0%)

Yellow (27%)

Black (54%)



Cyan (76%)

Magenta (54%)

Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.3706, 0.2824, 0.4089 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 14.3706, 0.2824, 0.4089 by changing the saturation by 10% instead.


 14.3706, 0.2824,
0.4089


 14.3706, 0.2824,
0.4089


219.5243, 0.3014,
0.3593


 8.3789, 0.2755,
0.4266


 33.7452, 0.2906,
0.3876


 4.3383, 0.2646,
0.4541

 47.8968, 0.2933,
0.3807


 1.8646, 0.2450,
0.5024

 65.5372, 0.2954,
0.3752

 0.5269, 0.0000,
1.0000

 87.0507, 0.2971,
0.3708

 0.0000, 0.0000,
0.0000

 112.8218, 0.2985,
0.3672

 143.2349, 0.2996,

0.3641

178.6742, 0.3006,
0.3615

■ 14.3706, 0.2824,
0.4089

■ 14.3706, 0.2824,
0.4089

■ 13.9385, 0.2782,
0.4295

■ 14.8949, 0.2877,
0.3894

■ 13.5912, 0.2754,
0.4507

■ 15.5149, 0.2937,
0.3713

■ 13.3231, 0.2742,
0.4721


■ 16.2357, 0.3003,
0.3547


■ 13.1271, 0.2747,
0.4928


■ 17.0618, 0.3072,
0.3397


■ 12.9843, 0.2765,
0.5126


■ 17.9973, 0.3142,
0.3263

 12.9559, 0.2769,
0.5167

 19.0462, 0.3211,
0.3144

 20.2121, 0.3279,
0.3038

 21.4986, 0.3345,
0.2945

 22.9091, 0.3408,
0.2864

Harmonies

Analogous

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



14.3706, 0.3408, 0.4379



14.3706, 0.2824, 0.4089



14.3706, 0.2350, 0.3512

Triad

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



14.3706, 0.2824, 0.4089



14.3706, 0.2312, 0.2356



14.3706, 0.4286, 0.3479

Complementary

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



14.3706, 0.2824, 0.4089



7.9064, 0.3638, 0.2620

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.



14.3706, 0.3937, 0.3025



14.3706, 0.2824, 0.4089



14.3706, 0.2761, 0.2409

Square

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



14.3706, 0.2824, 0.4089



14.3706, 0.2082, 0.2522



14.3706, 0.3358, 0.2647



14.3706, 0.4278, 0.3933

Rectangle

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



14.3706, 0.2824, 0.4089



14.3706, 0.2151, 0.3105



14.3706, 0.3358, 0.2647



14.3706, 0.4206, 0.3324

Sweetspot

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



14.3712, 0.2824, 0.4089



29.5705, 0.3027, 0.3492



15.4220, 0.3469, 0.4539



6.7418, 0.3015, 0.3519



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.



14.3712, 0.2824, 0.4089



24.9171, 0.2780, 0.4307



14.8923, 0.2562, 0.3398



4.1219, 0.3064, 0.3414



14.2703, 0.2771, 0.5175



69.3759, 0.2797, 0.5271

Inverse Universe

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



7.9064, 0.3638, 0.2620



11.8952, 0.3806, 0.2487



7.5060, 0.4245, 0.3193



3.7326, 0.3196, 0.3170



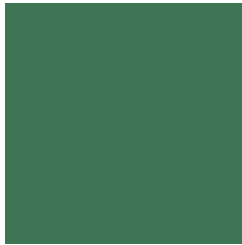
4.6074, 0.4599, 0.2307



22.2781, 0.4694, 0.2360

Previews

White Background



This preview shows how the Yxy color 14.3706, 0.2824, 0.4089 looks on a white background.

Color Contrast Check

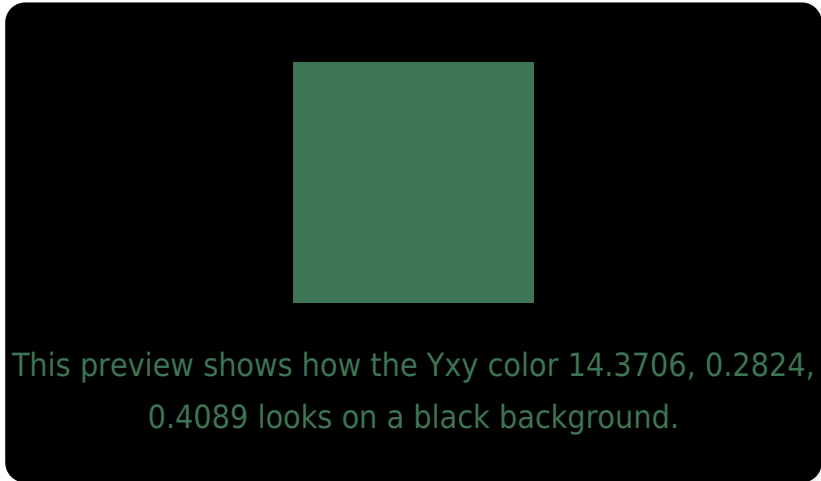
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 14.3706, 0.2824, 0.4089

Background



This preview shows how black text looks on a background with the Yxy color 14.3706, 0.2824, 0.4089.



This preview shows how white text looks on a background with the Yxy color 14.3706, 0.2824, 0.4089.

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

14.3706, 0.2824, 0.4089

Protanopia

14.1930, 0.3585, 0.3823

Deuteranopia

14.1495, 0.3629, 0.3556



Tritanopia

14.2709, 0.2544, 0.3085

Trichromacy



Original Color

14.3706, 0.2824, 0.4089

Protanomaly

13.9262, 0.3261, 0.3913

Deuteranomaly

13.9128, 0.3288, 0.3740

Tritanomaly

14.3106, 0.2646, 0.3430

Monochromacy



Original Color

14.3706, 0.2824, 0.4089

Achromatopsia

11.9538, 0.3127, 0.3290

Achromatomaly

12.5758, 0.2991, 0.3554

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.3706, 0.2824, 0.4089 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(61, 117, 85)` looks like.

```
.text, #text, p{  
    color:rgb(61, 117, 85)  
}
```

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(61, 117, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 117, 85) }
```

Border

The CSS property to change the border of an element to Yxy 14.3706, 0.2824, 0.4089 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(61, 117, 85) }
```

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

```
.border{ border-color:rgb(61, 117, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 117, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 117, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 117, 85);  
box-shadow:4px 4px 4px 4px rgb(61, 117,  
85) }
```


Background

The CSS property to change the background color of an element to Yxy 14.3706, 0.2824, 0.4089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 117, 85) }
```

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

```
.background{ background-color: rgb(61, 117,  
85) }
```

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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