

Converting Colors

$Y_{xy}(14.9252, 0.2788, 0.3973)$

Have a look what the booklet for
Yxy(14.9252, 0.2788, 0.3973)
contains.

Yxy(15.0057, 0.2789, 0.3972)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

$\text{Yxy}(15.0057, 0.2789, 0.3972)$

Conversions

Conversions Part 1

Format	Color
Hex	3F775B
RGB	63, 119, 91
RGB Percent	25%, 47%, 36%
CMY	0.7528, 0.5333, 0.6432
CMYK	0.47, 0.00, 0.24, 0.53
HSL	150°, 31%, 36%
HSV	150°, 47%, 47%
XYZ	10.5365, 15.0057, 12.2365
YIQ	99.0640, -24.3880, -20.5800

Conversions

Conversions Part 2

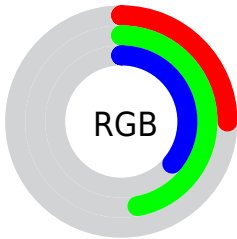
Format	Color
R_{YB}	63, 100, 119
Decimal	4159323
CIE _{Lab}	45.64, -25.51, 9.76
CIE _{LCh}	46, 27.313, 159.054
Yxy	15.0057, 0.2789, 0.3972
Android (android.graphics.Color)	4282349403 (0xFF3F775B)
YUV	99.0640, -3.9756, -31.6281
Hunter-Lab	38.7372, -19.2383, 8.3872

Details

The Yxy color **15.0057, 0.2789, 0.3972** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **8.2371, 0.3708, 0.2708**, and the grayscale version is **12.5115, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.0055, 0.2878, 0.3802**, and **4.6279, 0.2611, 0.4352** is the 20% darker color. If you saturate the color by 10%, you get **14.5570, 0.2740, 0.4151**, and if you desaturate by 10%, it is **15.5485, 0.2849, 0.3803**.

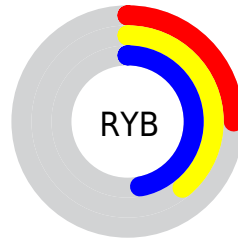
Distribution



Red (25%)

Green (47%)

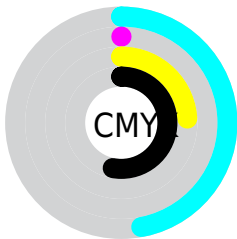
Blue (36%)



Red (25%)

Yellow (39%)

Blue (47%)

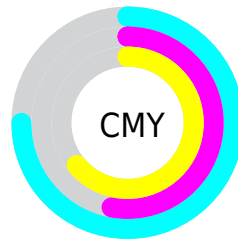


Cyan (47%)

Magenta (0%)

Yellow (24%)

Black (53%)



Cyan (75%)


Magenta (53%)

Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.0057, 0.2789, 0.3972 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 15.0057, 0.2789, 0.3972 by changing the saturation by 10% instead.


 15.0057, 0.2789,
0.3972


 15.0057, 0.2789,
0.3972


223.4007, 0.2997,
0.3553


 8.8234, 0.2717,
0.4118


 34.8632, 0.2877,
0.3794


 4.6262, 0.2606,
0.4343

 49.3071, 0.2906,
0.3735


 2.0296, 0.2417,
0.4732

 67.2738, 0.2929,
0.3689

 0.6246, 0.0000,
1.0000

 89.1474, 0.2947,
0.3652

 0.0000, 0.0000,
0.0000

 115.3126, 0.2963,
0.3620

146.1536, 0.2976,

0.3594

182.0548, 0.2987,
0.3572

■ 15.0057, 0.2789,
0.3972

■ 15.0057, 0.2789,
0.3972

■ 14.5570, 0.2740,
0.4151

■ 15.5485, 0.2849,
0.3803

■ 14.1948, 0.2705,
0.4336

■ 16.1889, 0.2918,
0.3647

■ 13.9135, 0.2687,
0.4524


■ 16.9321, 0.2993,
0.3503

■ 13.7057, 0.2687,
0.4711

■ 17.7827, 0.3071,
0.3373

■ 13.5552, 0.2703,
0.4892


■ 18.7448, 0.3151,
0.3257

 13.5135, 0.2707,
0.4945

 19.8225, 0.3230,
0.3153

 21.0196, 0.3309,
0.3061

 22.3397, 0.3385,
0.2979

 23.7861, 0.3458,
0.2908

Harmonies

Analogous

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



15.0057, 0.3328, 0.4281



15.0057, 0.2789, 0.3972



15.0057, 0.2364, 0.3430

Triad

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



15.0057, 0.2789, 0.3972



15.0057, 0.2407, 0.2413



15.0057, 0.4217, 0.3524

Complementary

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



15.0057, 0.2789, 0.3972



8.2371, 0.3708, 0.2708

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.



15.0057, 0.3930, 0.3094



15.0057, 0.2789, 0.3972



15.0057, 0.2849, 0.2483

Square

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



15.0057, 0.2789, 0.3972



15.0057, 0.2164, 0.2547



15.0057, 0.3411, 0.2726



15.0057, 0.4175, 0.3941

Rectangle

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



15.0057, 0.2789, 0.3972



15.0057, 0.2194, 0.3062



15.0057, 0.3411, 0.2726



15.0057, 0.4156, 0.3378

Sweetspot

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



15.0063, 0.2789, 0.3972



30.7095, 0.3014, 0.3467



15.8252, 0.3414, 0.4539



7.2161, 0.3000, 0.3491



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.



15.0063, 0.2789, 0.3972



26.0399, 0.2738, 0.4158



15.5607, 0.2536, 0.3309



4.1259, 0.3055, 0.3398



14.3560, 0.2708, 0.4950



69.7855, 0.2733, 0.5040

Inverse Universe

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



8.2371, 0.3708, 0.2708



12.3817, 0.3903, 0.2592



7.8509, 0.4300, 0.3274



3.7286, 0.3205, 0.3184



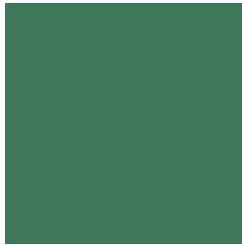
4.5065, 0.4884, 0.2464



21.7879, 0.4997, 0.2526

Previews

White Background



This preview shows how the Yxy color 15.0057, 0.2789, 0.3972 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 15.0057, 0.2789, 0.3972 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 15.0057, 0.2789, 0.3972

Background



This preview shows how black text looks on a background with the Yxy color 15.0057, 0.2789, 0.3972.



This preview shows how white text looks on a background with the Yxy color 15.0057, 0.2789, 0.3972.

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

15.0057, 0.2789, 0.3972

Protanopia

14.7487, 0.3521, 0.3753

Deuteranopia

14.9197, 0.3543, 0.3492



Tritanopia

15.0944, 0.2546, 0.3089

Trichromacy



Original Color

15.0057, 0.2789, 0.3972

Protanomaly

14.4899, 0.3208, 0.3834

Deuteranomaly

14.4943, 0.3220, 0.3643

Tritanomaly

14.9258, 0.2633, 0.3381

Monochromacy



Original Color

15.0057, 0.2789, 0.3972

Achromatopsia

12.4772, 0.3127, 0.3290

Achromatomaly

13.1310, 0.2981, 0.3525

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.0057, 0.2789, 0.3972 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(63, 119, 91)` looks like.

```
.text, #text, p{  
    color:rgb(63, 119, 91)  
}
```

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(63, 119, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 119, 91) }
```

Border

The CSS property to change the border of an element to Yxy 15.0057, 0.2789, 0.3972 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(63, 119, 91) }
```

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

```
.border{ border-color:rgb(63, 119, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 119, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 119, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 119, 91);  
box-shadow:4px 4px 4px 4px rgb(63, 119,  
91) }
```


Background

The CSS property to change the background color of an element to Yxy 15.0057, 0.2789, 0.3972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 119, 91) }
```

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

```
.background{ background-color: rgb(63, 119,  
91) }
```

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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