

Converting Colors

$Yxy(16.2615, 0.3180, 0.3999)$

Have a look what the booklet for
Yxy(16.2615, 0.3180, 0.3999)
contains.

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Color

Yxy(16.2615, 0.3180, 0.3999)

Conversions

Conversions Part 1

Format	Color
Hex	5E7757
RGB	94, 119, 87
RGB Percent	37%, 47%, 34%
CMY	0.6315, 0.5333, 0.6589
CMYK	0.21, 0.00, 0.27, 0.53
HSL	107°, 16%, 40%
HSV	107°, 27%, 47%
XYZ	12.9311, 16.2615, 11.4713
YIQ	107.8770, -4.6280, -15.2520

Conversions

Conversions Part 2

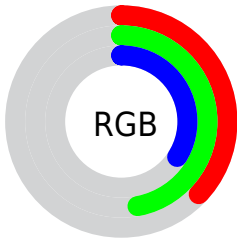
Format	Color
R_{YB}	87, 119, 112
Decimal	6190935
CIE _{Lab}	47.32, -15.75, 14.71
CIE _{LCh}	47, 21.550, 136.970
Yxy	16.2615, 0.3180, 0.3999
Android (android.graphics.Color)	4284381015 (0xFF5E7757)
YUV	107.8770, -10.2924, -12.1701
Hunter-Lab	40.3256, -13.3304, 11.3618

Details

The Yxy color **16.2615, 0.3180, 0.3999** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **11.5926, 0.3050, 0.2635**, and the grayscale version is **14.9893, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.9517, 0.3174, 0.3814**, and **5.1448, 0.3189, 0.4360** is the 20% darker color. If you saturate the color by 10%, you get **15.6211, 0.3193, 0.4305**, and if you desaturate by 10%, it is **16.9947, 0.3162, 0.3714**.

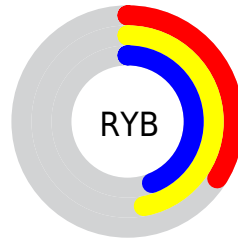
Distribution



Red (37%)

Green (47%)

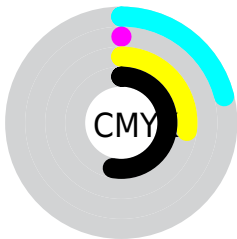
Blue (34%)



Red (34%)

Yellow (47%)

Blue (44%)

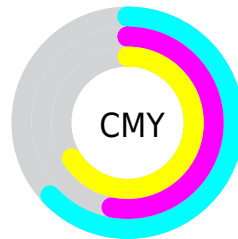


Cyan (21%)

Magenta (0%)

Yellow (27%)

Black (53%)



Cyan (63%)

Magenta (53%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 16.2615, 0.3180, 0.3999 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 16.2615, 0.3180, 0.3999 by changing the saturation by 10% instead.

■ 16.2615, 0.3180,
0.3999

■ 16.2615, 0.3180,
0.3999

■ 230.8799, 0.3156,
0.3570

■ 9.7094, 0.3182,
0.4143

■ 37.0516, 0.3173,
0.3819

■ 5.2067, 0.3181,
0.4360

■ 52.0584, 0.3170,
0.3760

■ 2.3690, 0.3165,
0.4719

■ 70.6521, 0.3167,
0.3712

■ 0.8099, 0.3223,
0.6777

■ 93.2173, 0.3164,
0.3673

■ 0.0000, 0.0000,
0.0000

■ 120.1383, 0.3162,
0.3641

151.7994, 0.3160,

0.3614

188.5851, 0.3158,
0.3590

■ 16.2615, 0.3180,
0.3999

■ 16.2615, 0.3180,
0.3999

■ 15.6211, 0.3193,
0.4305

■ 16.9947, 0.3162,
0.3714

■ 15.0676, 0.3201,
0.4624

■ 17.8220, 0.3142,
0.3454

■ 14.5979, 0.3201,
0.4942

■ 18.7474, 0.3120,
0.3221

■ 14.2078, 0.3191,
0.5244


■ 19.7740, 0.3098,
0.3013

■ 13.8925, 0.3171,
0.5510


■ 20.9048, 0.3076,
0.2830

 13.6470, 0.3141,
0.5721


 22.1426, 0.3055,
0.2669

 13.4629, 0.3108,
0.5876

 23.4902, 0.3035,
0.2528

 13.4151, 0.3100,
0.5921

 24.9502, 0.3016,
0.2404

 26.5252, 0.2998,
0.2295

Harmonies

Analogous

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



16.2615, 0.3592, 0.4053



16.2615, 0.3180, 0.3999



16.2615, 0.2771, 0.3707

Triad

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



16.2615, 0.3180, 0.3999



16.2615, 0.2404, 0.2669



16.2615, 0.3822, 0.3232

Complementary

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



16.2615, 0.3180, 0.3999



11.5926, 0.3050, 0.2635

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.



16.2615, 0.3463, 0.2917



16.2615, 0.3180, 0.3999



16.2615, 0.2645, 0.2599

Square

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



16.2615, 0.3180, 0.3999



16.2615, 0.2342, 0.2910



16.2615, 0.3027, 0.2691



16.2615, 0.3981, 0.3578

Rectangle

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



16.2615, 0.3180, 0.3999



16.2615, 0.2554, 0.3433



16.2615, 0.3027, 0.2691



16.2615, 0.3720, 0.3121

Sweetspot

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



16.2622, 0.3180, 0.3999



31.7073, 0.3145, 0.3486



16.0970, 0.3547, 0.3788



7.4674, 0.3147, 0.3519



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.



16.2622, 0.3180, 0.3999



28.4191, 0.3189, 0.4178



16.0572, 0.3000, 0.3818



4.1332, 0.3146, 0.3507



14.2467, 0.3098, 0.5922



69.1087, 0.3071, 0.5944

Inverse Universe

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



11.5926, 0.3050, 0.2635



18.6377, 0.3028, 0.2485



11.8731, 0.3285, 0.2815



3.7196, 0.3106, 0.3079



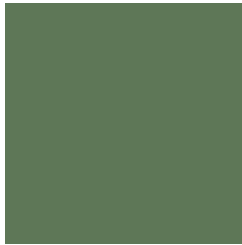
3.8846, 0.2681, 0.1250



18.5442, 0.2652, 0.1234

Previews

White Background



This preview shows how the Yxy color 16.2615, 0.3180, 0.3999 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 16.2615, 0.3180, 0.3999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

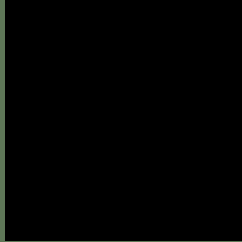
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

Yxy 16.2615, 0.3180, 0.3999

Background



This preview shows how black text looks on a background with the Yxy color 16.2615, 0.3180, 0.3999.



This preview shows how white text looks on a background with the Yxy color 16.2615, 0.3180, 0.3999.

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

16.2615, 0.3180, 0.3999

Protanopia

16.2215, 0.3598, 0.3855

Deuteranopia

15.9825, 0.3703, 0.3638



Tritanopia

16.1740, 0.2850, 0.3104

Trichromacy



Original Color

16.2615, 0.3180, 0.3999

Protanomaly

16.2969, 0.3443, 0.3917

Deuteranomaly

15.8554, 0.3507, 0.3762

Tritanomaly

16.2132, 0.2971, 0.3417

Monochromacy



Original Color

16.2615, 0.3180, 0.3999

Achromatopsia

14.9960, 0.3127, 0.3290

Achromatomaly

15.3920, 0.3155, 0.3548

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.2615, 0.3180, 0.3999 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(94, 119, 87) looks like.

```
.text, #text, p{  
    color:rgb(94, 119, 87)  
}
```

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(94, 119, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 119, 87) }
```

Border

The CSS property to change the border of an element to Yxy 16.2615, 0.3180, 0.3999 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(94, 119, 87) }
```

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

```
.border{ border-color:rgb(94, 119, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 119, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 119, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 119, 87);  
box-shadow:4px 4px 4px 4px rgb(94, 119,  
87) }
```


Background

The CSS property to change the background color of an element to Yxy 16.2615, 0.3180, 0.3999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 119, 87) }
```

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

```
.background{ background-color: rgb(94, 119,  
87) }
```

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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