

Converting Colors

$Y_{xy}(15.5118, 0.3358, 0.3965)$

Have a look what the booklet for
Yxy(15.5118, 0.3358, 0.3965)
contains.

Yxy(15.5427, 0.3360, 0.3965)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(15.5427, 0.3360, 0.3965)

Conversions

Conversions Part 1

Format	Color
Hex	677253
RGB	103, 114, 83
RGB Percent	40%, 45%, 33%
CMY	0.5961, 0.5529, 0.6746
CMYK	0.10, 0.00, 0.27, 0.55
HSL	81°, 16%, 39%
HSV	81°, 27%, 45%
XYZ	13.1711, 15.5427, 10.4859
YIQ	107.1770, 3.3950, -11.9730

Conversions

Conversions Part 2

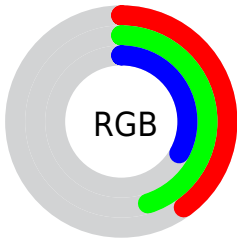
Format	Color
RYB	83, 114, 94
Decimal	6779475
CIELab	46.37, -10.09, 15.86
CIELCh	46, 18.796, 122.467
Yxy	15.5427, 0.3360, 0.3965
Android (android.graphics.Color)	4284969555 (0xFF677253)
YUV	107.1770, -11.9193, -3.6632
Hunter-Lab	39.4242, -9.3579, 11.8272

Details

The Yxy color **15.5427, 0.3360, 0.3965** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **9.7784, 0.2845, 0.2589**, and the grayscale version is **14.7874, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.8359, 0.3301, 0.3792**, and **4.8771, 0.3454, 0.4288** is the 20% darker color. If you saturate the color by 10%, you get **15.1480, 0.3440, 0.4232**, and if you desaturate by 10%, it is **15.9793, 0.3275, 0.3705**.

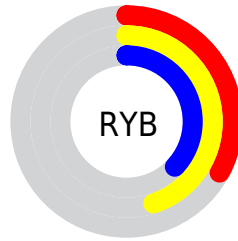
Distribution



Red (40%)

Green (45%)

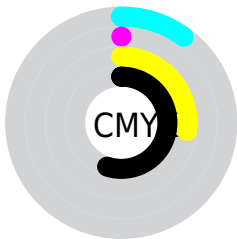
Blue (33%)



Red (33%)

Yellow (45%)

Blue (37%)

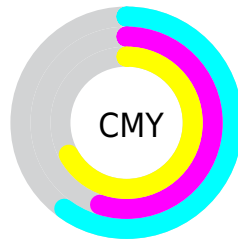


Cyan (10%)

Magenta (0%)

Yellow (27%)

Black (55%)



Cyan (60%)


Magenta (55%)

Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.5427, 0.3360, 0.3965 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 15.5427, 0.3360, 0.3965 by changing the saturation by 10% instead.


 15.5427, 0.3360,
0.3965


 15.5427, 0.3360,
0.3965


226.6279, 0.3228,
0.3558


 9.2011, 0.3398,
0.4101


 35.8025, 0.3308,
0.3795


 4.8726, 0.3449,
0.4303

 50.4895, 0.3290,
0.3738

 2.1727, 0.3518,
0.4637

 68.7271, 0.3275,
0.3693

 0.7051, 0.3754,
0.6246

 90.8997, 0.3262,
0.3656

 0.0000, 0.0000,
0.0000

 117.3917, 0.3252,
0.3625

148.5874, 0.3243,

0.3599

184.8714, 0.3235,
0.3577

■ 15.5427, 0.3360,
0.3965

■ 15.5427, 0.3360,
0.3965

■ 15.1480, 0.3440,
0.4232

■ 15.9793, 0.3275,
0.3705

■ 14.7917, 0.3511,
0.4498

■ 16.4572, 0.3189,
0.3458

■ 14.4726, 0.3570,
0.4754

■ 16.9785, 0.3104,
0.3227

■ 14.1889, 0.3611,
0.4989

■ 17.5446, 0.3021,
0.3014

■ 13.9385, 0.3633,
0.5193

■ 18.1566, 0.2942,
0.2818

■ 13.7192, 0.3631,
0.5356

■ 18.8159, 0.2867,
0.2641

■ 13.5254, 0.3612,
0.5483

■ 19.5235, 0.2798,
0.2481

■ 13.4735, 0.3607,
0.5518

■ 20.2806, 0.2733,
0.2336

■ 21.0882, 0.2673,
0.2206

Harmonies

Analogous

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



15.5427, 0.3688, 0.3915



15.5427, 0.3360, 0.3965



15.5427, 0.2983, 0.3802

Triad

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



15.5427, 0.3360, 0.3965



15.5427, 0.2434, 0.2826



15.5427, 0.3605, 0.3098

Complementary

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



15.5427, 0.3360, 0.3965



9.7784, 0.2845, 0.2589

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.



15.5427, 0.3241, 0.2846



15.5427, 0.3360, 0.3965



15.5427, 0.2576, 0.2685

Square

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



15.5427, 0.3360, 0.3965



15.5427, 0.2462, 0.3109



15.5427, 0.2864, 0.2698



15.5427, 0.3841, 0.3403

Rectangle

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



15.5427, 0.3360, 0.3965



15.5427, 0.2754, 0.3595



15.5427, 0.2864, 0.2698



15.5427, 0.3492, 0.3005

Sweetspot

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



15.5434, 0.3360, 0.3965



28.8303, 0.3198, 0.3482



12.1793, 0.3616, 0.3526



6.6427, 0.3208, 0.3512



58.7016, 0.3127, 0.3290



6.8385, 0.3127, 0.3290

Same Dimension

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



15.5434, 0.3360, 0.3965



26.8426, 0.3414, 0.4142



14.7172, 0.3153, 0.4010



3.8599, 0.3204, 0.3501



14.9876, 0.3604, 0.5521



74.1635, 0.3572, 0.5545

Inverse Universe

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



9.7784, 0.2845, 0.2589



14.8179, 0.2761, 0.2397



10.6726, 0.3083, 0.2637



3.3527, 0.3045, 0.3076



1.8561, 0.1811, 0.0771



8.8018, 0.1759, 0.0743

Previews

White Background



This preview shows how the Yxy color 15.5427, 0.3360, 0.3965 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 15.5427, 0.3360, 0.3965 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 15.5427, 0.3360, 0.3965

Background



This preview shows how black text looks on a background with the Yxy color 15.5427, 0.3360, 0.3965.



This preview shows how white text looks on a background with the Yxy color 15.5427, 0.3360, 0.3965.

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

15.5427, 0.3360, 0.3965

Protanopia

15.5975, 0.3619, 0.3884

Deuteranopia

15.4262, 0.3757, 0.3681



Tritanopia

15.4334, 0.3003, 0.3106

Trichromacy



Original Color

15.5427, 0.3360, 0.3965

Protanomaly

15.4888, 0.3527, 0.3898

Deuteranomaly

15.3583, 0.3619, 0.3779

Tritanomaly

15.4530, 0.3135, 0.3416

Monochromacy



Original Color

15.5427, 0.3360, 0.3965

Achromatopsia

14.7027, 0.3127, 0.3290

Achromatomaly

15.0979, 0.3224, 0.3547

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.5427, 0.3360, 0.3965 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(103, 114, 83)` looks like.

```
.text, #text, p{  
    color:rgb(103, 114, 83)  
}
```

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(103, 114, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 114, 83) }
```

Border

The CSS property to change the border of an element to Yxy 15.5427, 0.3360, 0.3965 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(103, 114, 83) }
```

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

```
.border{ border-color:rgb(103, 114, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 114, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 114, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 114, 83);  
box-shadow:4px 4px 4px 4px rgb(103, 114,  
83) }
```


Background

The CSS property to change the background color of an element to Yxy 15.5427, 0.3360, 0.3965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 114, 83) }
```

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

```
.background{ background-color: rgb(103,  
114, 83) }
```

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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