

Converting Colors

$Y_{xy}(15.6948, 0.3139, 0.3765)$

Have a look what the booklet for
Yxy(15.6948, 0.3139, 0.3765)
contains.

Yxy(15.6110, 0.3144, 0.3752)	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

Yxy(15.6110, 0.3144, 0.3752)

Conversions

Conversions Part 1

Format	Color
Hex	61735E
RGB	97, 115, 94
RGB Percent	38%, 45%, 37%
CMY	0.6196, 0.5490, 0.6313
CMYK	0.16, 0.00, 0.18, 0.55
HSL	111°, 10%, 41%
HSV	111°, 18%, 45%
XYZ	13.0813, 15.6110, 12.9149
YIQ	107.2240, -3.9870, -10.3470

Conversions

Conversions Part 2

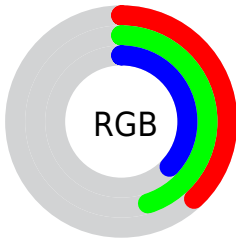
Format	Color
RYP	94, 115, 112
Decimal	6386526
CIELab	46.46, -11.07, 9.42
CIElCh	46, 14.539, 139.603
Yxy	15.6110, 0.3144, 0.3752
Android (android.graphics.Color)	4284576606 (0xFF61735E)
YUV	107.2240, -6.5194, -8.9664
Hunter-Lab	39.5108, -10.0458, 8.2774

Details

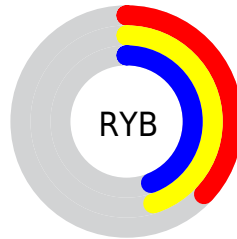
The Yxy color **15.6110, 0.3144, 0.3752** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.6896, 0.3103, 0.2857**, and the grayscale version is **14.7882, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.9469, 0.3147, 0.3642**, and **4.9058, 0.3135, 0.3988** is the 20% darker color. If you saturate the color by 10%, you get **14.9120, 0.3150, 0.4043**, and if you desaturate by 10%, it is **16.4095, 0.3135, 0.3487**.

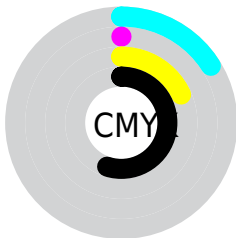
Distribution



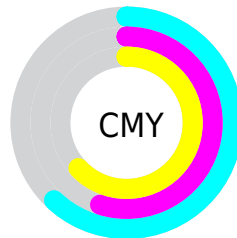
- Red (38%)
- Green (45%)
- Blue (37%)



- Red (37%)
- Yellow (45%)
- Blue (44%)



- Cyan (16%)
- Magenta (0%)
- Yellow (18%)
- Black (55%)



- Cyan (62%)
- Magenta (55%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 15.6110, 0.3144, 0.3752 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 15.6110, 0.3144, 0.3752 by changing the saturation by 10% instead.

■ 15.6110, 0.3144,
0.3752

■ 15.6110, 0.3144,
0.3752

227.0352, 0.3137,
0.3473

■ 9.2493, 0.3144,
0.3846

■ 35.9216, 0.3142,
0.3635

■ 4.9042, 0.3142,
0.3987

■ 50.6392, 0.3141,
0.3597

■ 2.1911, 0.3134,
0.4222

■ 68.9110, 0.3141,
0.3566

■ 0.7152, 0.3290,
0.5747

■ 91.1212, 0.3140,
0.3540

■ 0.0000, 0.0000,
0.0000

117.6544, 0.3139,
0.3519

148.8949, 0.3138,

0.3502

185.2270, 0.3138,
0.3486

■ 15.6110, 0.3144,
0.3752

■ 15.6110, 0.3144,
0.3752

■ 14.9120, 0.3150,
0.4043

■ 16.4095, 0.3135,
0.3487

■ 14.3065, 0.3153,
0.4357

■ 17.3090, 0.3125,
0.3251

■ 13.7913, 0.3150,
0.4683

■ 18.3136, 0.3114,
0.3042

■ 13.3619, 0.3143,
0.5008

■ 19.4266, 0.3103,
0.2858

■ 13.0136, 0.3128,
0.5313

■ 20.6511, 0.3091,
0.2698

■ 12.7413, 0.3108,
0.5577

■ 21.9901, 0.3080,
0.2558

■ 12.5390, 0.3082,
0.5781

■ 23.4464, 0.3070,
0.2436

■ 12.3961, 0.3059,
0.5930

■ 25.0229, 0.3059,
0.2329

■ 12.3757, 0.3056,
0.5955

■ 26.7222, 0.3049,
0.2235

Harmonies

Analogous

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



15.6110, 0.3429, 0.3811



15.6110, 0.3144, 0.3752



15.6110, 0.2863, 0.3549

Triad

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



15.6110, 0.3144, 0.3752



15.6110, 0.2633, 0.2852



15.6110, 0.3616, 0.3278

Complementary

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



15.6110, 0.3144, 0.3752



12.6896, 0.3103, 0.2857

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.



15.6110, 0.3384, 0.3048



15.6110, 0.3144, 0.3752



15.6110, 0.2816, 0.2807

Square

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



15.6110, 0.3144, 0.3752



15.6110, 0.2577, 0.3017



15.6110, 0.3088, 0.2879



15.6110, 0.3710, 0.3521

Rectangle

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



15.6110, 0.3144, 0.3752



15.6110, 0.2715, 0.3366



15.6110, 0.3088, 0.2879



15.6110, 0.3551, 0.3198

Sweetspot

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



15.6117, 0.3144, 0.3752



29.8669, 0.3132, 0.3410



16.0090, 0.3397, 0.3657



7.1043, 0.3133, 0.3424



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.



15.6117, 0.3144, 0.3752



27.3922, 0.3147, 0.3875



15.5885, 0.3020, 0.3590



4.1210, 0.3136, 0.3507



14.1410, 0.3054, 0.5957



68.6781, 0.3033, 0.5974

Inverse Universe

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



12.6896, 0.3103, 0.2857



21.1070, 0.3095, 0.2751



12.7269, 0.3253, 0.3008



3.7327, 0.3116, 0.3079



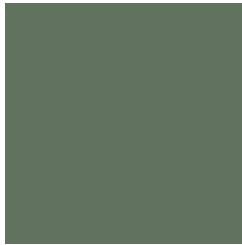
4.4143, 0.2864, 0.1351



21.2278, 0.2844, 0.1341

Previews

White Background



This preview shows how the Yxy color 15.6110, 0.3144, 0.3752 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 15.6110, 0.3144, 0.3752 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 15.6110, 0.3144, 0.3752

Background



This preview shows how black text looks on a background with the Yxy color 15.6110, 0.3144, 0.3752.



This preview shows how white text looks on a background with the Yxy color 15.6110, 0.3144, 0.3752.

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

15.6110, 0.3144, 0.3752

Protanopia

15.6202, 0.3457, 0.3682

Deuteranopia

15.5126, 0.3536, 0.3489



Tritanopia

15.4916, 0.2892, 0.3103

Trichromacy



Original Color

15.6110, 0.3144, 0.3752

Protanomaly

15.6123, 0.3338, 0.3713

Deuteranomaly

15.4083, 0.3393, 0.3580

Tritanomaly

15.4454, 0.2984, 0.3311

Monochromacy



Original Color

15.6110, 0.3144, 0.3752

Achromatopsia

14.7027, 0.3127, 0.3290

Achromatomaly

14.9947, 0.3133, 0.3462

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.6110, 0.3144, 0.3752 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(97, 115, 94) looks like.

```
.text, #text, p{  
    color:rgb(97, 115, 94)  
}
```

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(97, 115, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 115, 94) }
```

Border

The CSS property to change the border of an element to Yxy 15.6110, 0.3144, 0.3752 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(97, 115, 94) }
```

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

```
.border{ border-color:rgb(97, 115, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 115, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 115, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 115, 94);  
box-shadow:4px 4px 4px 4px rgb(97, 115,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 15.6110, 0.3144, 0.3752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 115, 94) }
```

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

```
.background{ background-color: rgb(97, 115,  
94) }
```

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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