

Converting Colors

$Y_{xy}(14.6584, 0.3170, 0.3668)$

Have a look what the booklet for
Yxy(14.6584, 0.3170, 0.3668)
contains.

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Color

Yxy(14.7737, 0.3163, 0.3667)

Conversions

Conversions Part 1

Format	Color
Hex	626F5E
RGB	98, 111, 94
RGB Percent	38%, 44%, 37%
CMY	0.6156, 0.5647, 0.6313
CMYK	0.12, 0.00, 0.15, 0.56
HSL	106°, 8%, 40%
HSV	106°, 15%, 44%
XYZ	12.7432, 14.7737, 12.7714
YIQ	105.1750, -2.2910, -8.0430

Conversions

Conversions Part 2

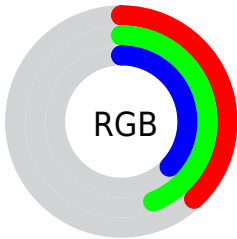
Format	Color
R _Y B	94, 111, 107
Decimal	6451038
CIE Lab	45.32, -8.41, 7.83
CIE LCh	45, 11.492, 137.070
Yxy	14.7737, 0.3163, 0.3667
Android (android.graphics.Color)	4284641118 (0xFF626F5E)
YUV	105.1750, -5.5093, -6.2925
Hunter-Lab	38.4366, -8.0845, 7.2052

Details

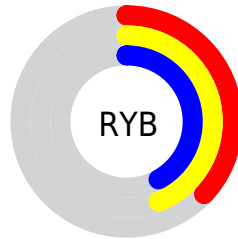
The Yxy color **14.7737, 0.3163, 0.3667** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.2799, 0.3084, 0.2928**, and the grayscale version is **14.1932, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.5976, 0.3161, 0.3582**, and **4.4722, 0.3165, 0.3851** is the 20% darker color. If you saturate the color by 10%, you get **14.1419, 0.3184, 0.3945**, and if you desaturate by 10%, it is **15.4854, 0.3140, 0.3414**.

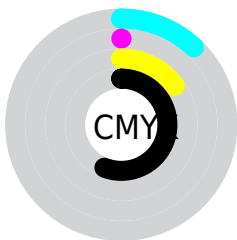
Distribution



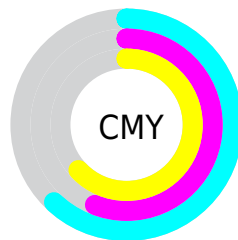
- Red (38%)
- Green (44%)
- Blue (37%)



- Red (37%)
- Yellow (44%)
- Blue (42%)



- Cyan (12%)
- Magenta (0%)
- Yellow (15%)
- Black (56%)



- Cyan (62%)
- Magenta (56%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.7737, 0.3163, 0.3667 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 14.7737, 0.3163, 0.3667 by changing the saturation by 10% instead.

■ 14.7737, 0.3163,
0.3667

■ 14.7737, 0.3163,
0.3667

■ 221.9924, 0.3144,
0.3439

■ 8.6607, 0.3168,
0.3744

■ 34.4557, 0.3156,
0.3571

■ 4.5205, 0.3174,
0.3861

■ 48.7935, 0.3153,
0.3540

■ 1.9688, 0.3180,
0.4058

■ 66.6417, 0.3151,
0.3514

■ 0.5893, 0.3416,
0.5675

■ 88.3847, 0.3149,
0.3494

■ 0.0000, 0.0000,
0.0000

■ 114.4068, 0.3147,
0.3477

■ 145.0926, 0.3146,

0.3462

180.8263, 0.3145,
0.3450

■ 14.7737, 0.3163,
0.3667

■ 14.7737, 0.3163,
0.3667

■ 14.1419, 0.3184,
0.3945

■ 15.4854, 0.3140,
0.3414

■ 13.5854, 0.3201,
0.4244

■ 16.2778, 0.3116,
0.3187

■ 13.1019, 0.3212,
0.4557

■ 17.1541, 0.3091,
0.2984

■ 12.6883, 0.3215,
0.4872

■ 18.1165, 0.3067,
0.2805

■ 12.3411, 0.3208,
0.5175

■ 19.1675, 0.3044,
0.2648

■ 12.0567, 0.3191,
0.5446

■ 20.3091, 0.3022,
0.2509

■ 11.8312, 0.3164,
0.5668

■ 21.5437, 0.3001,
0.2387

■ 11.6583, 0.3129,
0.5835

■ 22.8731, 0.2982,
0.2280

■ 11.5904, 0.3117,
0.5907

■ 24.2994, 0.2963,
0.2186

Harmonies

Analogous

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



14.7737, 0.3390, 0.3706



14.7737, 0.3163, 0.3667



14.7737, 0.2933, 0.3514

Triad

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



14.7737, 0.3163, 0.3667



14.7737, 0.2718, 0.2945



14.7737, 0.3508, 0.3266

Complementary

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



14.7737, 0.3163, 0.3667



12.2799, 0.3084, 0.2928

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.



14.7737, 0.3316, 0.3080



14.7737, 0.3163, 0.3667



14.7737, 0.2860, 0.2897

Square

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



14.7737, 0.3163, 0.3667



14.7737, 0.2682, 0.3088



14.7737, 0.3077, 0.2947



14.7737, 0.3594, 0.3464

Rectangle

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



14.7737, 0.3163, 0.3667



14.7737, 0.2808, 0.3372



14.7737, 0.3077, 0.2947



14.7737, 0.3453, 0.3200

Sweetspot

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



14.7743, 0.3163, 0.3667



27.7530, 0.3140, 0.3410



14.6513, 0.3355, 0.3560



6.6499, 0.3141, 0.3423



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.



14.7743, 0.3163, 0.3667



26.0811, 0.3170, 0.3753



14.6354, 0.3058, 0.3575



3.7977, 0.3149, 0.3505



13.6474, 0.3112, 0.5911



67.6449, 0.3082, 0.5935

Inverse Universe

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



12.2799, 0.3084, 0.2928



20.7980, 0.3073, 0.2849



12.4426, 0.3205, 0.3021



3.4158, 0.3103, 0.3080



3.6068, 0.2640, 0.1228



17.5598, 0.2608, 0.1210

Previews

White Background



This preview shows how the Yxy color 14.7737, 0.3163, 0.3667 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 14.7737, 0.3163, 0.3667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

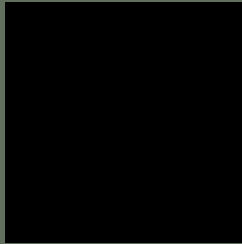
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

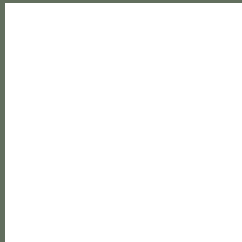
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 14.7737, 0.3163, 0.3667

Background



This preview shows how black text looks on a background with the Yxy color 14.7737, 0.3163, 0.3667.



This preview shows how white text looks on a background with the Yxy color 14.7737, 0.3163, 0.3667.

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

14.7737, 0.3163, 0.3667

Protanopia

14.7328, 0.3396, 0.3607

Deuteranopia

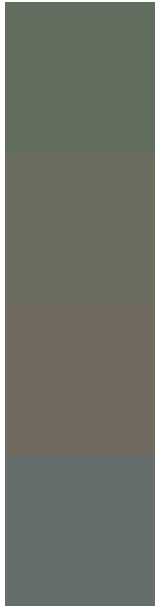
14.6826, 0.3503, 0.3432



Tritanopia

14.8109, 0.2949, 0.3121

Trichromacy



Original Color

14.7737, 0.3163, 0.3667

Protanomaly

14.6412, 0.3308, 0.3613

Deuteranomaly

14.6450, 0.3373, 0.3521

Tritanomaly

14.7867, 0.3033, 0.3311

Monochromacy



Original Color

14.7737, 0.3163, 0.3667

Achromatopsia

14.1263, 0.3127, 0.3290

Achromatomaly

14.2798, 0.3135, 0.3421

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.7737, 0.3163, 0.3667 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(98, 111, 94) looks like.

```
.text, #text, p{  
    color:rgb(98, 111, 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(98, 111, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 111, 94) }
```

Border

The CSS property to change the border of an element to Yxy 14.7737, 0.3163, 0.3667 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(98, 111, 94) }
```

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

```
.border{ border-color:rgb(98, 111, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 111, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 111, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 111, 94);  
box-shadow:4px 4px 4px 4px rgb(98, 111,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 14.7737, 0.3163, 0.3667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 111, 94) }
```

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

```
.background{ background-color: rgb(98, 111,  
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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