

Converting Colors

$Y_{xy}(11.2510, 0.3300, 0.3336)$

Have a look what the booklet for
Yxy(11.2510, 0.3300, 0.3336)
contains.

Yxy(11.1592, 0.3301, 0.3337)	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(11.1592, 0.3301, 0.3337)

Conversions

Conversions Part 1

Format	Color
Hex	655C5A
RGB	101, 92, 90
RGB Percent	40%, 36%, 35%
CMY	0.6039, 0.6392, 0.6471
CMYK	0.00, 0.09, 0.11, 0.60
HSL	11°, 6%, 37%
HSV	11°, 11%, 40%
XYZ	11.0388, 11.1592, 11.2428
YIQ	94.4630, 6.0060, 1.2860

Conversions

Conversions Part 2

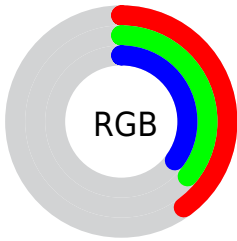
Format	Color
R_{YB}	101, 92, 90
Decimal	6642778
CIE Lab	39.85, 3.23, 2.46
CIE LCh	40, 4.058, 37.317
Yxy	11.1592, 0.3301, 0.3337
Android (android.graphics.Color)	4284832858 (0xFF655C5A)
YUV	94.4630, -2.2003, 5.7329
Hunter-Lab	33.4054, 0.5259, 3.4293

Details

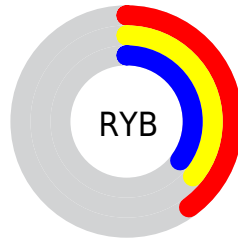
The Yxy color **11.1592, 0.3301, 0.3337** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.0332, 0.2971, 0.3243**, and the grayscale version is **11.3132, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.9149, 0.3256, 0.3322**, and **2.9277, 0.3381, 0.3330** is the 20% darker color. If you saturate the color by 10%, you get **9.6465, 0.3494, 0.3383**, and if you desaturate by 10%, it is **12.8520, 0.3140, 0.3294**.

Distribution



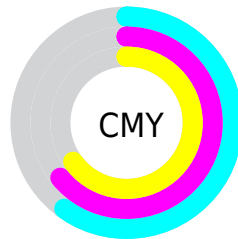
- Red (40%)
- Green (36%)
- Blue (35%)



- Red (40%)
- Yellow (36%)
- Blue (35%)



- Cyan (0%)
- Magenta (9%)
- Yellow (11%)
- Black (60%)





- Cyan (60%)
- Magenta (64%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.1592, 0.3301, 0.3337 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 11.1592, 0.3301, 0.3337 by changing the saturation by 10% instead.


 11.1592, 0.3301,
0.3337

 11.1592, 0.3301,
0.3337


198.7565, 0.3193,
0.3309


 6.1740, 0.3339,
0.3347

 27.9542, 0.3255,
0.3325


 2.9512, 0.3399,
0.3361

 40.5328, 0.3240,
0.3321

 1.1063, 0.3506,
0.3386

 56.4113, 0.3228,
0.3318

 0.0000, 1.0000,
0.0000

 75.9741, 0.3219,
0.3315

 0.0000, 0.0000,
0.0000

 99.6057, 0.3211,
0.3313

127.6903, 0.3204,

0.3312

160.6125, 0.3198,
0.3310

■ 11.1592, 0.3301,
0.3337

■ 11.1592, 0.3301,
0.3337

■ 9.6465, 0.3494,
0.3383

■ 12.8520, 0.3140,
0.3294

■ 8.3066, 0.3724,
0.3431

■ 14.7290, 0.3006,
0.3254

■ 7.1337, 0.3997,
0.3479

■ 16.7962, 0.2894,
0.3217

■ 6.1211, 0.4315,
0.3523

■ 19.0587, 0.2799,
0.3183

■ 5.2619, 0.4675,
0.3558

■ 21.5215, 0.2719,
0.3153

■ 4.5485, 0.5064,
0.3578

■ 24.1893, 0.2651,
0.3125

■ 3.9726, 0.5457,
0.3574

■ 27.0667, 0.2593,
0.3100

■ 3.5251, 0.5815,
0.3543

■ 30.1583, 0.2543,
0.3077

■ 3.2149, 0.6122,
0.3521

■ 33.4683, 0.2500,
0.3056

Harmonies

Analogous

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



11.1592, 0.3254, 0.3257



11.1592, 0.3301, 0.3337



11.1592, 0.3301, 0.3406

Triad

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



11.1592, 0.3301, 0.3337



11.1592, 0.3081, 0.3397



11.1592, 0.3001, 0.3137

Complementary

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



11.1592, 0.3301, 0.3337



12.0332, 0.2971, 0.3243

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.



11.1592, 0.2956, 0.3172



11.1592, 0.3301, 0.3337



11.1592, 0.3002, 0.3322

Square

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



11.1592, 0.3301, 0.3337



11.1592, 0.3173, 0.3443



11.1592, 0.2957, 0.3239



11.1592, 0.3080, 0.3143

Rectangle

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



11.1592, 0.3301, 0.3337



11.1592, 0.3274, 0.3437



11.1592, 0.2957, 0.3239



11.1592, 0.2981, 0.3144

Sweetspot

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



11.1597, 0.3301, 0.3337



21.4032, 0.3173, 0.3303



10.9813, 0.3166, 0.3082



5.2167, 0.3183, 0.3306



53.8236, 0.3127, 0.3290



5.4972, 0.3127, 0.3290

Same Dimension

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



11.1597, 0.3301, 0.3337



18.4908, 0.3345, 0.3348



12.1147, 0.3287, 0.3458



2.9200, 0.3267, 0.3328



4.1642, 0.6145, 0.3503



20.7475, 0.6229, 0.3436

Inverse Universe

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



12.0332, 0.2971, 0.3243



20.3007, 0.2936, 0.3231



11.0577, 0.2969, 0.3116



3.1045, 0.2999, 0.3251



9.1934, 0.2089, 0.2720



46.7775, 0.2079, 0.2683

Previews

White Background



This preview shows how the Yxy color 11.1592, 0.3301, 0.3337 looks on a white background.

Color Contrast Check

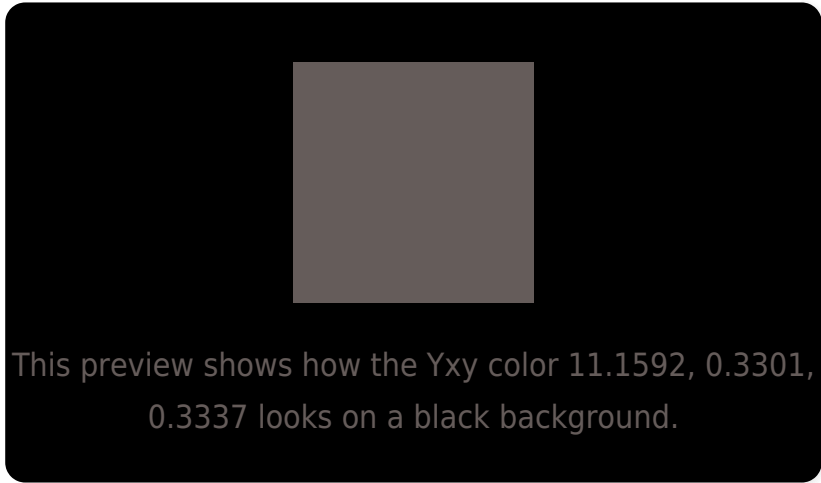
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

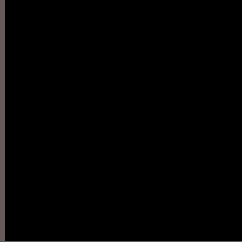
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.1592, 0.3301, 0.3337

Background



This preview shows how black text looks on a background with the Yxy color 11.1592, 0.3301, 0.3337.



This preview shows how white text looks on a background with the Yxy color 11.1592, 0.3301, 0.3337.

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

11.1592, 0.3301, 0.3337

Protanopia

11.2475, 0.3202, 0.3361

Deuteranopia

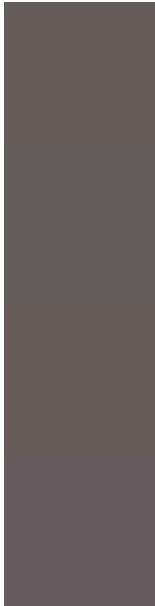
11.1634, 0.3353, 0.3313



Tritanopia

11.1888, 0.3198, 0.3132

Trichromacy



Original Color

11.1592, 0.3301, 0.3337

Protanomaly

11.1807, 0.3235, 0.3337

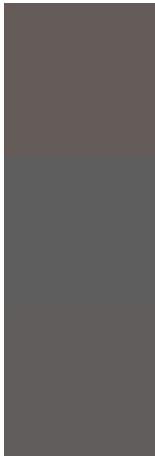
Deuteranomaly

11.1039, 0.3336, 0.3314

Tritanomaly

11.1332, 0.3243, 0.3199

Monochromacy



Original Color

11.1592, 0.3301, 0.3337

Achromatopsia

11.1932, 0.3127, 0.3290

Achromatomaly

11.1604, 0.3190, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.1592, 0.3301, 0.3337 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(101, 92, 90)` looks like.

```
.text, #text, p{  
    color:rgb(101, 92, 90)  
}
```

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(101, 92, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 92, 90) }
```

Border

The CSS property to change the border of an element to Yxy 11.1592, 0.3301, 0.3337 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(101, 92, 90) }
```

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

```
.border{ border-color:rgb(101, 92, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 92, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 92, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 92, 90);  
box-shadow:4px 4px 4px 4px rgb(101, 92,  
90) }
```


Background

The CSS property to change the background color of an element to Yxy 11.1592, 0.3301, 0.3337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 92, 90) }
```

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

```
.background{ background-color: rgb(101, 92,  
90) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor