

Converting Colors

$Y_{xy}(11.6149, 0.3946, 0.3896)$

Have a look what the booklet for
Yxy(11.6149, 0.3946, 0.3896)
contains.

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Color

Yxy(11.6693, 0.3945, 0.3893)

Conversions

Conversions Part 1

Format	Color
Hex	735C40
RGB	115, 92, 64
RGB Percent	45%, 36%, 25%
CMY	0.5489, 0.6392, 0.7490
CMYK	0.00, 0.20, 0.44, 0.55
HSL	33°, 28%, 35%
HSV	33°, 44%, 45%
XYZ	11.8252, 11.6693, 6.4806
YIQ	95.6850, 22.6960, -3.8320

Conversions

Conversions Part 2

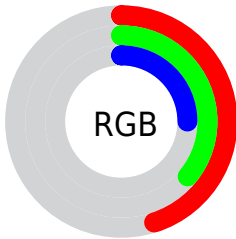
Format	Color
RYB	106, 115, 64
Decimal	7560256
CIELab	40.69, 5.27, 19.65
CIELCh	41, 20.342, 74.973
Yxy	11.6693, 0.3945, 0.3893
Android (android.graphics.Color)	4285750336 (0xFF735C40)
YUV	95.6850, -15.6207, 16.9393
Hunter-Lab	34.1604, 2.0101, 12.6643

Details

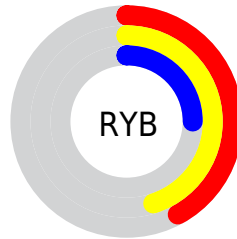
The Yxy color **11.6693, 0.3945, 0.3893** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **9.1509, 0.2442, 0.2592**, and the grayscale version is **11.6522, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.8407, 0.3735, 0.3747**, and **3.1320, 0.4352, 0.4140** is the 20% darker color. If you saturate the color by 10%, you get **10.6832, 0.4177, 0.4021**, and if you desaturate by 10%, it is **12.7452, 0.3728, 0.3755**.

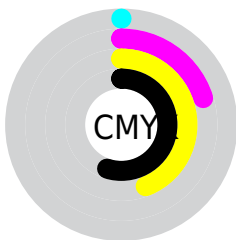
Distribution



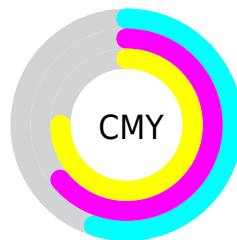
- Red (45%)
- Green (36%)
- Blue (25%)



- Red (42%)
- Yellow (45%)
- Blue (25%)



- Cyan (0%)
- Magenta (20%)
- Yellow (44%)
- Black (55%)




- Cyan (55%)
- Magenta (64%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.6693, 0.3945, 0.3893 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 11.6693, 0.3945, 0.3893 by changing the saturation by 10% instead.


 11.6693, 0.3945,
0.3893


 11.6693, 0.3945,
0.3893


202.2035, 0.3445,
0.3535


 6.5189, 0.4113,
0.4004


 28.8914, 0.3735,
0.3747

 3.1631, 0.4360,
0.4157

 41.7318, 0.3665,
0.3697

 1.2175, 0.5209,
0.4791

 57.9044, 0.3610,
0.3657

 0.0759, 0.7258,
0.2742

 77.7936, 0.3564,
0.3624

 0.0000, 0.0000,
0.0000

 101.7837, 0.3527,
0.3596

 130.2591, 0.3495,

0.3573

163.6042, 0.3468,
0.3553

■ 11.6693, 0.3945,
0.3893

■ 11.6693, 0.3945,
0.3893

■ 10.6832, 0.4177,
0.4021

■ 12.7452, 0.3728,
0.3755

■ 9.7823, 0.4418,
0.4131

■ 13.9120, 0.3529,
0.3615

■ 8.9641, 0.4659,
0.4212

■ 15.1727, 0.3351,
0.3477

■ 8.2252, 0.4887,
0.4254

■ 16.5300, 0.3191,
0.3345

■ 7.5608, 0.5093,
0.4250

■ 17.9859, 0.3049,
0.3221

■ 7.2125, 0.5211,
0.4244

■ 19.5430, 0.2924,
0.3104

■ 21.2032, 0.2814,
0.2997

■ 22.9687, 0.2717,
0.2898

■ 24.8415, 0.2631,
0.2806

Harmonies

Analogous

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



11.6693, 0.4025, 0.3566



11.6693, 0.3945, 0.3893



11.6693, 0.3641, 0.4089

Triad

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



11.6693, 0.3945, 0.3893



11.6693, 0.2453, 0.3319



11.6693, 0.2991, 0.2651

Complementary

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



11.6693, 0.3945, 0.3893



9.1509, 0.2442, 0.2592

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.



11.6693, 0.2598, 0.2564



11.6693, 0.3945, 0.3893



11.6693, 0.2306, 0.2911

Square

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



11.6693, 0.3945, 0.3893



11.6693, 0.2778, 0.3758



11.6693, 0.2357, 0.2648



11.6693, 0.3451, 0.2879

Rectangle

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



11.6693, 0.3945, 0.3893



11.6693, 0.3361, 0.4095



11.6693, 0.2357, 0.2648



11.6693, 0.2847, 0.2605

Sweetspot

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



11.6699, 0.3945, 0.3893



27.3960, 0.3334, 0.3464



8.0155, 0.3695, 0.2778



6.4335, 0.3364, 0.3488



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.



11.6699, 0.3945, 0.3893



19.1156, 0.4178, 0.4022



16.1690, 0.3727, 0.4333



4.0028, 0.3264, 0.3406



8.1987, 0.5220, 0.4238



38.2230, 0.5290, 0.4182

Inverse Universe

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



9.1509, 0.2442, 0.2592



13.9995, 0.2286, 0.2398



6.0541, 0.2368, 0.2003



3.8369, 0.2995, 0.3171



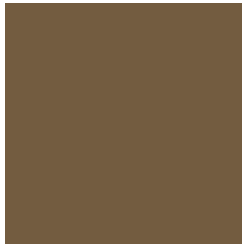
4.1715, 0.1745, 0.1481



18.6633, 0.1719, 0.1387

Previews

White Background



This preview shows how the Yxy color 11.6693, 0.3945, 0.3893 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 11.6693, 0.3945, 0.3893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

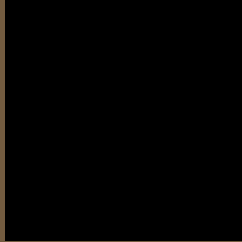
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.6693, 0.3945, 0.3893

Background



This preview shows how black text looks on a background with the Yxy color 11.6693, 0.3945, 0.3893.



This preview shows how white text looks on a background with the Yxy color 11.6693, 0.3945, 0.3893.

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

11.6693, 0.3945, 0.3893

Protanopia

11.7021, 0.3697, 0.3978

Deuteranopia

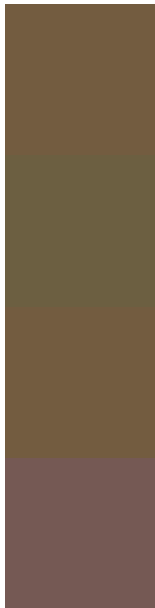
11.6693, 0.3945, 0.3893



Tritanopia

11.6572, 0.3514, 0.3144

Trichromacy



Original Color

11.6693, 0.3945, 0.3893

Protanomaly

11.7542, 0.3786, 0.3963

Deuteranomaly

11.6693, 0.3945, 0.3893

Tritanomaly

11.5668, 0.3675, 0.3398

Monochromacy



Original Color

11.6693, 0.3945, 0.3893

Achromatopsia

11.6971, 0.3127, 0.3290

Achromatomaly

11.7081, 0.3415, 0.3543

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.6693, 0.3945, 0.3893 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(115, 92, 64)` looks like.

```
.text, #text, p{  
    color:rgb(115, 92, 64)  
}
```

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(115, 92, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 92, 64) }
```

Border

The CSS property to change the border of an element to Yxy 11.6693, 0.3945, 0.3893 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(115, 92, 64) }
```

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

```
.border{ border-color:rgb(115, 92, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 92, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 92, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 92, 64);  
box-shadow:4px 4px 4px 4px rgb(115, 92,  
64) }
```


Background

The CSS property to change the background color of an element to Yxy 11.6693, 0.3945, 0.3893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 92, 64) }
```

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

```
.background{ background-color: rgb(115, 92,  
64) }
```

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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