

Converting Colors

$Y_{xy}(11.1380, 0.3686, 0.3740)$

Have a look what the booklet for
Yxy(11.1380, 0.3686, 0.3740)
contains.

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Color

Yxy(11.0759, 0.3690, 0.3724)

Conversions

Conversions Part 1

Format	Color
Hex	6B5B48
RGB	107, 91, 72
RGB Percent	42%, 36%, 28%
CMY	0.5804, 0.6431, 0.7176
CMYK	0.00, 0.15, 0.33, 0.58
HSL	33°, 20%, 35%
HSV	33°, 33%, 42%
XYZ	10.9748, 11.0759, 7.6913
YIQ	93.6180, 15.6350, -2.5170

Conversions

Conversions Part 2

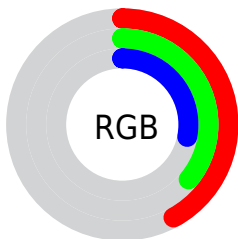
Format	Color
R_{YB}	101, 107, 72
Decimal	7035720
CIE _{Lab}	39.71, 3.36, 13.37
CIE _{LCh}	40, 13.787, 75.916
Yxy	11.0759, 0.3690, 0.3724
Android (android.graphics.Color)	4285225800 (0xFF6B5B48)
YUV	93.6180, -10.6577, 11.7360
Hunter-Lab	33.2805, 0.6224, 9.5941

Details

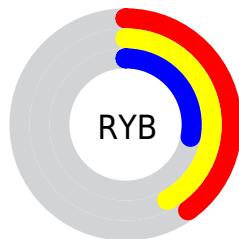
The Yxy color **11.0759, 0.3690, 0.3724** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **9.4207, 0.2632, 0.2812**, and the grayscale version is **11.1219, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.8012, 0.3538, 0.3606**, and **2.8904, 0.4020, 0.3936** is the 20% darker color. If you saturate the color by 10%, you get **10.1392, 0.3903, 0.3860**, and if you desaturate by 10%, it is **12.0925, 0.3496, 0.3586**.

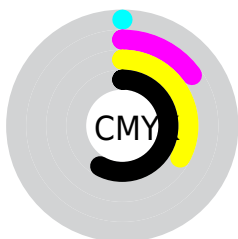
Distribution



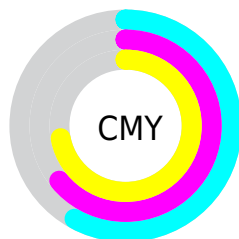
- Red (42%)
- Green (36%)
- Blue (28%)



- Red (40%)
- Yellow (42%)
- Blue (28%)



- Cyan (0%)
- Magenta (15%)
- Yellow (33%)
- Black (58%)




- Cyan (58%)
- Magenta (64%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.0759, 0.3690, 0.3724 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 11.0759, 0.3690, 0.3724 by changing the saturation by 10% instead.


 11.0759, 0.3690,
0.3724


 11.0759, 0.3690,
0.3724

198.1875, 0.3342,
0.3460


 6.1179, 0.3812,
0.3812

 27.8004, 0.3542,
0.3614


 2.9169, 0.3998,
0.3943

 40.3358, 0.3493,
0.3577


 1.0885, 0.4608,
0.4433

 56.1657, 0.3455,
0.3548

 0.0000, 1.0000,
0.0000

 75.6745, 0.3424,
0.3524

 0.0000, 0.0000,
0.0000

 99.2468, 0.3398,
0.3504

127.2667, 0.3376,

0.3487

160.1189, 0.3358,
0.3473

■ 11.0759, 0.3690,
0.3724

■ 11.0759, 0.3690,
0.3724

■ 10.1392, 0.3903,
0.3860

■ 12.0925, 0.3496,
0.3586

■ 9.2785, 0.4132,
0.3989

■ 13.1897, 0.3321,
0.3452

■ 8.4920, 0.4372,
0.4101

■ 14.3700, 0.3166,
0.3324

■ 7.7771, 0.4614,
0.4188

■ 15.6354, 0.3028,
0.3203

■ 7.1308, 0.4847,
0.4237

■ 16.9879, 0.2907,
0.3090

■ 6.5497, 0.5059,
0.4243

■ 18.4291, 0.2800,
0.2986

■ 6.1597, 0.5217,
0.4239

■ 19.9610, 0.2705,
0.2889

■ 21.5852, 0.2622,
0.2801

■ 23.3034, 0.2548,
0.2720

Harmonies

Analogous

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



11.0759, 0.3745, 0.3503



11.0759, 0.3690, 0.3724



11.0759, 0.3481, 0.3841

Triad

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



11.0759, 0.3690, 0.3724



11.0759, 0.2651, 0.3307



11.0759, 0.3047, 0.2840

Complementary

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



11.0759, 0.3690, 0.3724



9.4207, 0.2632, 0.2812

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.



11.0759, 0.2766, 0.2777



11.0759, 0.3690, 0.3724



11.0759, 0.2547, 0.3028

Square

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



11.0759, 0.3690, 0.3724



11.0759, 0.2880, 0.3598



11.0759, 0.2588, 0.2840



11.0759, 0.3363, 0.3007

Rectangle

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



11.0759, 0.3690, 0.3724



11.0759, 0.3287, 0.3833



11.0759, 0.2588, 0.2840



11.0759, 0.2945, 0.2806

Sweetspot

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



11.0764, 0.3690, 0.3724



24.1145, 0.3282, 0.3420



8.4719, 0.3498, 0.2918



5.7836, 0.3299, 0.3434



57.0482, 0.3127, 0.3290



6.3724, 0.3127, 0.3290

Same Dimension

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



11.0764, 0.3690, 0.3724



18.5778, 0.3846, 0.3825



14.0386, 0.3572, 0.4060



3.3634, 0.3261, 0.3403



7.4315, 0.5230, 0.4229



36.1133, 0.5306, 0.4169

Inverse Universe

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



9.4207, 0.2632, 0.2812



15.1321, 0.2515, 0.2683



7.1204, 0.2601, 0.2395



3.2319, 0.2997, 0.3174



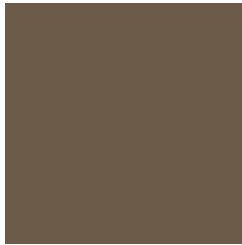
3.8962, 0.1752, 0.1506



18.1554, 0.1725, 0.1408

Previews

White Background



This preview shows how the Yxy color 11.0759, 0.3690, 0.3724 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 11.0759, 0.3690, 0.3724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

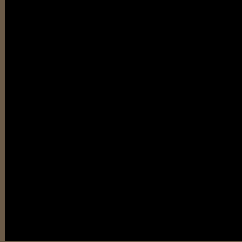
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.0759, 0.3690, 0.3724

Background



This preview shows how black text looks on a background with the Yxy color 11.0759, 0.3690, 0.3724.



This preview shows how white text looks on a background with the Yxy color 11.0759, 0.3690, 0.3724.

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

11.0759, 0.3690, 0.3724

Protanopia

11.1958, 0.3538, 0.3786

Deuteranopia

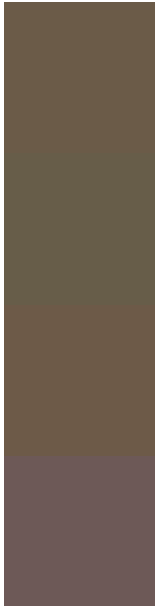
11.0952, 0.3748, 0.3695



Tritanopia

11.1207, 0.3381, 0.3137

Trichromacy



Original Color

11.0759, 0.3690, 0.3724

Protanomaly

11.1933, 0.3594, 0.3756

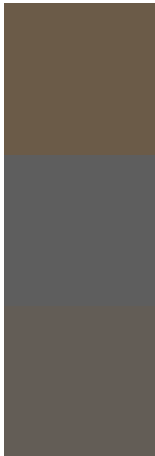
Deuteranomaly

11.0314, 0.3731, 0.3697

Tritanomaly

11.0841, 0.3491, 0.3336

Monochromacy



Original Color

11.0759, 0.3690, 0.3724

Achromatopsia

11.1932, 0.3127, 0.3290

Achromatomaly

11.1532, 0.3327, 0.3455

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.0759, 0.3690, 0.3724 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(107, 91, 72)` looks like.

```
.text, #text, p{  
    color:rgb(107, 91, 72)  
}
```

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(107, 91, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 91, 72) }
```

Border

The CSS property to change the border of an element to Yxy 11.0759, 0.3690, 0.3724 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(107, 91, 72) }
```

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

```
.border{ border-color:rgb(107, 91, 72) }
```

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

Here you see how a box with a 4 pixel rgb(107, 91, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 91, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 91, 72);  
box-shadow:4px 4px 4px 4px rgb(107, 91,  
72) }
```


Background

The CSS property to change the background color of an element to Yxy 11.0759, 0.3690, 0.3724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 91, 72) }
```

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

```
.background{ background-color: rgb(107, 91,  
72) }
```

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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