

Converting Colors

$Y_{xy}(11.7021, 0.3697, 0.3978)$

Have a look what the booklet for
 $Y_{xy}(11.7021, 0.3697, 0.3978)$
contains.

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Color

Yxy(11.7021, 0.3697, 0.3978)

Conversions

Conversions Part 1	
Format	Color
Hex	686042
RGB	104, 96, 66
RGB Percent	41%, 38%, 26%
CMY	0.5921, 0.6235, 0.7412
CMYK	0.00, 0.08, 0.37, 0.59
HSL	47°, 22%, 33%
HSV	47°, 37%, 41%
XYZ	10.8755, 11.7021, 6.8395
YIQ	94.9720, 14.3980, -7.6340

Conversions

Conversions Part 2

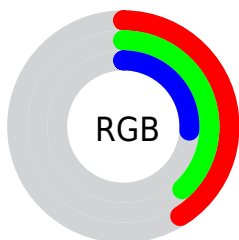
Format	Color
RYB	76, 104, 66
Decimal	6840386
CIELab	40.74, -1.82, 18.32
CIELCh	41, 18.413, 95.685
Yxy	11.7021, 0.3697, 0.3978
Android (android.graphics.Color)	4285030466 (0xFF686042)
YUV	94.9720, -14.2832, 7.9176
Hunter-Lab	34.2083, -3.1160, 12.0917

Details

The Yxy color **11.7021, 0.3697, 0.3978** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **7.0556, 0.2539, 0.2490**, and the grayscale version is **11.4692, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.8406, 0.3559, 0.3798**, and **3.1799, 0.3987, 0.4347** is the 20% darker color. If you saturate the color by 10%, you get **11.1968, 0.3866, 0.4162**, and if you desaturate by 10%, it is **12.2419, 0.3531, 0.3787**.

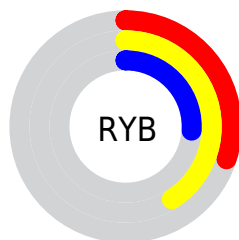
Distribution



Red (41%)

Green (38%)

Blue (26%)



Red (30%)

Yellow (41%)

Blue (26%)

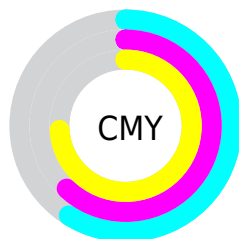


Cyan (0%)

Magenta (8%)

Yellow (37%)

Black (59%)



Cyan (59%)


Magenta (62%)


Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.7021, 0.3697, 0.3978 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 11.7021, 0.3697, 0.3978 by changing the saturation by 10% instead.


 11.7021, 0.3697,
0.3978


 11.7021, 0.3697,
0.3978


202.4230, 0.3352,
0.3557


 6.5412, 0.3811,
0.4120


 28.9514, 0.3553,
0.3801


 3.1769, 0.3976,
0.4331

 41.8085, 0.3505,
0.3742

 1.2247, 0.4726,
0.5216

 57.9998, 0.3467,
0.3695

 0.0818, 0.2887,
0.7113

 77.9097, 0.3435,
0.3657


 0.0000, 0.0000,
0.0000


 101.9226, 0.3409,
0.3626


 130.4228, 0.3387,

0.3599


163.7948, 0.3368,
0.3577


 11.7021, 0.3697,
0.3978


 11.7021, 0.3697,
0.3978

 11.1968, 0.3866,
0.4162


 12.2419, 0.3531,
0.3787

 10.7231, 0.4033,
0.4332


 12.8159, 0.3371,
0.3595


 10.2801, 0.4191,
0.4479


 13.4257, 0.3220,
0.3408


 9.8664, 0.4334,
0.4595


 14.0723, 0.3080,
0.3229

 9.4800, 0.4456,
0.4672


 14.7568, 0.2951,
0.3060

 9.1164, 0.4559,
0.4717

 15.4801, 0.2833,
0.2902

 8.9935, 0.4596,
0.4733

 16.2432, 0.2727,
0.2755

 17.0469, 0.2630,
0.2620

 17.8922, 0.2543,
0.2496

Harmonies

Analogous

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



11.7021, 0.3915, 0.3758



11.7021, 0.3697, 0.3978



11.7021, 0.3333, 0.4012

Triad

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



11.7021, 0.3697, 0.3978



11.7021, 0.2402, 0.3054



11.7021, 0.3293, 0.2839

Complementary

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



11.7021, 0.3697, 0.3978



7.0556, 0.2539, 0.2490

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.



11.7021, 0.2884, 0.2667



11.7021, 0.3697, 0.3978



11.7021, 0.2392, 0.2766

Square

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



11.7021, 0.3697, 0.3978



11.7021, 0.2592, 0.3444



11.7021, 0.2561, 0.2636



11.7021, 0.3678, 0.3116

Rectangle

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



11.7021, 0.3697, 0.3978



11.7021, 0.3060, 0.3904



11.7021, 0.2561, 0.2636



11.7021, 0.3153, 0.2768

Sweetspot

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



11.7026, 0.3697, 0.3978



23.0341, 0.3291, 0.3497



7.3372, 0.3755, 0.3095



5.5951, 0.3305, 0.3514



55.4222, 0.3127, 0.3290



5.9254, 0.3127, 0.3290

Same Dimension

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



11.7026, 0.3697, 0.3978



19.7544, 0.3844, 0.4139



12.6344, 0.3474, 0.4191



3.1752, 0.3255, 0.3452



11.0394, 0.4601, 0.4728



56.2862, 0.4630, 0.4706

Inverse Universe

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



7.0556, 0.2539, 0.2490



10.2905, 0.2382, 0.2260



6.4640, 0.2684, 0.2317



2.8485, 0.2999, 0.3123



1.8921, 0.1576, 0.0875



8.7947, 0.1553, 0.0792

Previews

White Background



This preview shows how the Yxy color 11.7021, 0.3697, 0.3978 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 11.7021, 0.3697, 0.3978 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 11.7021, 0.3697, 0.3978

Background



This preview shows how black text looks on a background with the Yxy color 11.7021, 0.3697, 0.3978.



This preview shows how white text looks on a background with the Yxy color 11.7021, 0.3697, 0.3978.

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

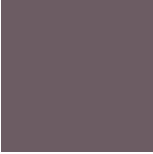
11.7021, 0.3697, 0.3978

Protanopia

11.7021, 0.3697, 0.3978

Deuteranopia

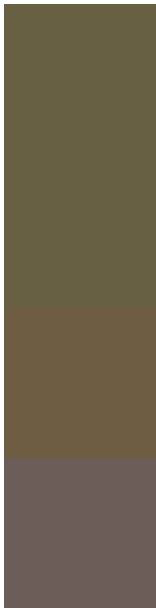
11.7044, 0.3898, 0.3830



Tritanopia

11.7433, 0.3276, 0.3137

Trichromacy



Original Color
11.7021, 0.3697, 0.3978

Protanomaly
11.7021, 0.3697, 0.3978

Deuteranomaly
11.6135, 0.3822, 0.3866

Tritanomaly
11.6426, 0.3442, 0.3425

Monochromacy



Original Color
11.7021, 0.3697, 0.3978

Achromatopsia
11.4435, 0.3127, 0.3290

Achromatomaly
11.4212, 0.3334, 0.3549

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.7021, 0.3697, 0.3978 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(104, 96, 66) looks like.

```
.text, #text, p{  
    color:rgb(104, 96, 66)  
}
```

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(104, 96, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 96, 66) }
```

Border

The CSS property to change the border of an element to Yxy 11.7021, 0.3697, 0.3978 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(104, 96, 66) }
```

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

```
.border{ border-color:rgb(104, 96, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 96, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 96, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 96, 66);  
box-shadow:4px 4px 4px 4px rgb(104, 96,  
66) }
```


Background

The CSS property to change the background color of an element to Yxy 11.7021, 0.3697, 0.3978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 96, 66) }
```

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

```
.background{ background-color: rgb(104, 96,  
66) }
```

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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