

Converting Colors

YUV(115.4530, 13.0877, 2.2337)

Have a look what the booklet for
YUV(115.4530, 13.0877, 2.2337)
contains.

YUV(115.4530, 13.0877, 2.2337)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(115.4530, 13.0877,
2.2337)**

Conversions

Conversions Part 1

Format	Color
Hex	766D8E
RGB	118, 109, 142
RGB Percent	46%, 43%, 56%
CMY	0.5373, 0.5725, 0.4431
CMYK	0.17, 0.23, 0.00, 0.44
HSL	256°, 13%, 49%
HSV	256°, 23%, 56%
XYZ	17.8223, 16.7418, 27.8833
YIQ	115.4530, -5.2290, 12.1710

Conversions

Conversions Part 2

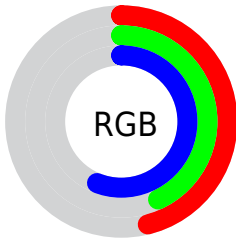
Format	Color
R_{YB}	118, 109, 142
Decimal	7761294
CIE _{Lab}	47.93, 10.61, -16.78
CIE _{LCh}	48, 19.850, 302.311
Yxy	16.7418, 0.2854, 0.2681
Android (android.graphics.Color)	4285951374 (0xFF766D8E)
YUV	115.4530, 13.0877, 2.2337
Hunter-Lab	40.9168, 6.1458, -11.7623

Details

The YUV color **115.4530, 13.0877, 2.2337** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **135.5470, -13.0877, -2.2337**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.0940, 14.2507, 2.5486**, and **67.5130, 12.0721, 1.3041** is the 20% darker color. If you saturate the color by 10%, you get **104.2450, 18.6132, 3.2931**, and if you desaturate by 10%, it is **126.6610, 7.5621, 1.1743**.

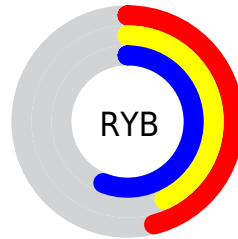
Distribution



Red (46%)

Green (43%)

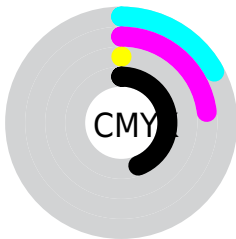
Blue (56%)



Red (46%)

Yellow (43%)

Blue (56%)

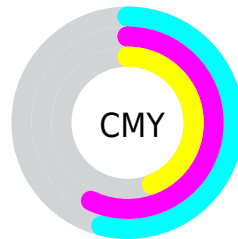


Cyan (17%)

Magenta (23%)

Yellow (0%)

Black (44%)



Cyan (54%)

Magenta (57%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.4530, 13.0877, 2.2337 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 YUV color 115.4530, 13.0877, 2.2337 by changing the saturation by 10% instead.

■ 115.4530, 13.0877,
2.2337

■ 115.4530, 13.0877,
2.2337

■ 255.0000, 0.0000,
0.0000

■ 90.9260, 12.3615,
1.8189

■ 167.0940, 14.2507,
2.5486

■ 67.5130, 12.0721,
1.3041

■ 194.5070, 14.5400,
3.0634

■ 44.9860, 11.3459,
0.8893

■ 222.5070, 14.5400,
3.0634

■ 23.8720, 10.9091,
0.9893

■ 248.5430, 3.1833,
5.6628

■ 2.8500, 10.9200,
-2.4994

■ 0.0000, 0.0000,
0.0000

■ 115.4530, 13.0877,
2.2337

■ 115.4530, 13.0877,
2.2337

■ 104.2450, 18.6132,
3.2931

■ 126.6610, 7.5621,
1.1743

■ 92.7380, 24.2862,
3.7378

■ 138.1680, 1.8892,
0.7297

■ 80.9430, 30.1011,
5.3120

■ 149.9630, -3.9258,
-0.8446

■ 69.7350, 35.6266,
6.3714

■ 161.1710, -9.4513,
-1.9040

■ 58.2280, 41.2996,
6.8160

■ 172.6780,
-15.1243, -2.3486

■ 47.0200, 46.8251,
7.8755

■ 183.8860,
-20.6498, -3.4080

■ 35.8120, 52.3507,
8.9349


■ 195.0940,
-26.1753, -4.4674

■ 27.8490, 56.2764,

■ 207.1880,

9.7794

-32.1377, -5.4269

 218.3960,
-37.6632, -6.4863

Harmonies

Analogous

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



112.6680, 16.9257, -15.4948



115.4530, 13.0877, 2.2337



116.5320, 6.6397, 17.0734

Triad

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



115.4530, 13.0877, 2.2337



114.0600, -14.3266, 21.8724



106.1270, 3.8814, -31.6834

Complementary

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



115.4530, 13.0877, 2.2337



135.5470, -13.0877, -2.2337

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.



108.7990, -5.3239, -19.1177



115.4530, 13.0877, 2.2337



112.8260, -16.1832, 10.6766

Square

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



115.4530, 13.0877, 2.2337



115.4720, -9.1067, 27.6501



110.9490, -12.7929, -3.4633



105.3850, 12.6282, -37.1716

Rectangle

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



115.4530, 13.0877, 2.2337



116.4960, 1.2345, 24.1210



110.9490, -12.7929, -3.4633



107.0520, 0.9604, -28.1096

Sweetspot

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



115.4530, 13.0877, 2.2337



173.3790, 5.2362, 0.5446



126.8500, 7.4689, -15.6545



85.5100, 3.1996, 0.4297



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



115.4530, 13.0877, 2.2337



142.1140, 20.6498, 3.4080



120.2370, 10.7292, 12.0702



65.3960, 2.7628, 0.5297



26.4530, 53.5137, 9.2497



1.5100, 3.1996, 0.4297

Inverse Universe

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



121.6030, 5.6187, 17.8882



151.8800, 8.9332, 28.1692



130.7630, -10.7292, -12.0702



66.6630, 1.1521, 3.8035



51.5370, 22.9063, 73.1971



3.0760, 1.4415, 4.3183

Previews

White Background



This preview shows how the YUV color 115.4530, 13.0877, 2.2337 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 YUV color 115.4530, 13.0877, 2.2337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

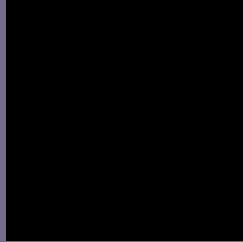
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 115.4530, 13.0877, 2.2337

Background



This preview shows how black text looks on a background with the YUV color 115.4530, 13.0877, 2.2337.



This preview shows how white text looks on a background with the YUV color 115.4530, 13.0877,

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

115.4530, 13.0877, 2.2337

Protanopia

114.5550, 15.0094, -7.5027

Deuteranopia

114.5340, 13.5407, -3.0993



Tritanopia

114.3250, 3.7838, -0.2850

Trichromacy



Original Color

115.4530, 13.0877, 2.2337

Protanomaly

115.0500, 14.2724, -4.4288

Deuteranomaly

114.8440, 13.3879, -0.7402

Tritanomaly

114.8350, 6.9833, 0.1447

Monochromacy



Original Color

115.4530, 13.0877, 2.2337

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

115.2650, 4.7994, 0.6446

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.4530, 13.0877, 2.2337 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(118, 109, 142)` looks like.

```
.text, #text, p{  
    color:rgb(118, 109, 142)  
}
```

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(118, 109, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 109, 142) }
```

Border

The CSS property to change the border of an element to YUV 115.4530, 13.0877, 2.2337 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(118, 109, 142) }
```


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

```
.border{ border-color:rgb(118, 109, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 109, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(118, 109, 142); -webkit-box-shadow:4px 4px 4px 4px rgb(118, 109, 142); box-shadow:4px 4px 4px 4px rgb(118, 109, 142) }
```

Background

The CSS property to change the background color of an element to YUV 115.4530, 13.0877, 2.2337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 109, 142) }
```

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

```
.background{ background-color: rgb(118,  
109, 142) }
```

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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