

Converting Colors

YUV(115.6230, -11.6461,
2.0846)

Have a look what the booklet for
YUV(115.6230, -11.6461, 2.0846)
contains.

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Color

**YUV(115.6230, -11.6461,
2.0846)**

Conversions

Conversions Part 1

Format	Color
Hex	76775C
RGB	118, 119, 92
RGB Percent	46%, 47%, 36%
CMY	0.5373, 0.5333, 0.6392
CMYK	0.01, 0.00, 0.23, 0.53
HSL	62°, 13%, 41%
HSV	62°, 23%, 47%
XYZ	15.9998, 17.8179, 12.7211
YIQ	115.6230, 8.0710, -8.6090

Conversions

Conversions Part 2

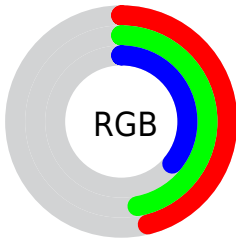
Format	Color
R_{YB}	92, 119, 93
Decimal	7763804
CIE _{Lab}	49.27, -5.28, 14.77
CIE _{LCh}	49, 15.685, 109.670
Yxy	17.8179, 0.3438, 0.3829
Android (android.graphics.Color)	4285953884 (0xFF76775C)
YUV	115.6230, -11.6461, 2.0846
Hunter-Lab	42.2113, -6.2109, 11.6798

Details

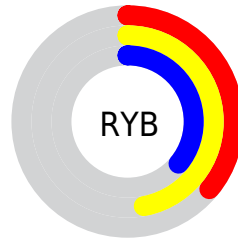
The YUV color **115.6230, -11.6461, 2.0846** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **95.3770, 11.6461, -2.0846**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.3950, -12.5197, 2.2846**, and **67.5520, -10.6251, 1.2699** is the 20% darker color. If you saturate the color by 10%, you get **114.2550, -16.8877, 3.2844**, and if you desaturate by 10%, it is **116.9910, -6.4046, 0.8849**.

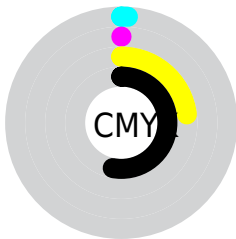
Distribution



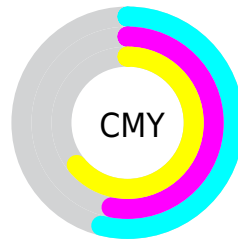
- Red (46%)
- Green (47%)
- Blue (36%)



- Red (36%)
- Yellow (47%)
- Blue (36%)



- Cyan (1%)
- Magenta (0%)
- Yellow (23%)
- Black (53%)



- Cyan (54%)
- Magenta (53%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.6230, -11.6461, 2.0846 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 115.6230, -11.6461, 2.0846 by changing the saturation by 10% instead.

■ 115.6230,
-11.6461, 2.0846

■ 115.6230,
-11.6461, 2.0846

■ 255.0000, 0.0000,
0.0000

■ 90.7370, -11.2093,
1.9847

■ 167.3950,
-12.5197, 2.2846

■ 67.5520, -10.6251,
1.2699

■ 194.6940,
-12.6671, 2.8994

■ 45.0790, -9.8989,
1.6847

■ 222.5800,
-13.1039, 2.9993

■ 23.9220, -11.7935,
2.6994

■ 251.4660,
-13.5407, 3.0993

■ 0.0000, 0.0000,
0.0000

■ 254.7720, -0.8736,
0.2000

■ 115.6230,
-11.6461, 2.0846

■ 115.6230,
-11.6461, 2.0846

■ 114.2550,
-16.8877, 3.2844

■ 116.9910, -6.4046,
0.8849

■ 112.5880,
-21.9819, 3.8693

■ 118.6580, -1.3104,
0.2999

■ 111.2200,
-27.2235, 5.0691

■ 120.0260, 3.9312,
-0.8998

■ 109.5530,
-32.3176, 5.6540

■ 121.6930, 9.0254,
-1.4848

■ 108.1850,
-37.5592, 6.8538

■ 122.9470, 13.8301,
-2.5845

■ 106.6320,
-42.2166, 7.3387

■ 124.6140, 18.9243,
-3.1695

■ 105.2640,
-47.4582, 8.5385

■ 125.9820, 24.1659,
-4.3692

■ 104.2380,

■ 127.6490, 29.2600,

-51.3893, 9.4383

-4.9542

■ 129.0170, 34.5016,
-6.1539

Harmonies

Analogous

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



117.3470, -12.9891, 12.8507



115.6230, -11.6461, 2.0846



113.8110, -6.8088, -9.4812

Triad

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



115.6230, -11.6461, 2.0846



112.6360, 12.0115, -25.9908



119.4630, 1.2507, 18.8879

Complementary

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



115.6230, -11.6461, 2.0846



95.3770, 11.6461, -2.0846

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.



119.3030, 7.2456, 9.3813



115.6230, -11.6461, 2.0846



115.4460, 13.5841, -17.0541

Square

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



115.6230, -11.6461, 2.0846



111.9580, 6.9227, -27.1502



117.4800, 12.0884, -3.9290



119.1770, -5.0173, 22.6468

Rectangle

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



115.6230, -11.6461, 2.0846



112.7930, -2.8559, -17.3585



117.4800, 12.0884, -3.9290



119.7230, 3.5876, 16.0289

Sweetspot

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



115.6230, -11.6461, 2.0846



154.4470, -4.6574, 0.4850



100.6600, -4.2694, 16.0842



78.3160, -2.6208, 0.5999



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



115.6230, -11.6461, 2.0846



150.6140, -18.0507, 2.9695



111.7360, -9.7298, -5.9075



58.0170, -2.4734, -0.0149



106.8960, -52.6997, 9.7382



218.8090, -107.8728, 19.4615

Inverse Universe

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



95.3770, 11.6461, -2.0846



119.0870, 18.1981, -3.5843



99.2640, 9.7298, 5.9075



53.6840, 2.6208, -0.5999



15.4030, 52.5523, -9.1234



31.1910, 107.8728, -19.4615

Previews

White Background



This preview shows how the YUV color 115.6230, -11.6461, 2.0846 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 115.6230, -11.6461, 2.0846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

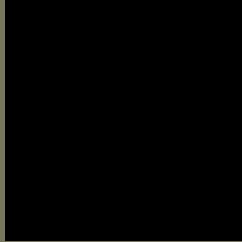
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 115.6230, -11.6461, 2.0846

Background



This preview shows how black text looks on a background with the YUV color 115.6230, -11.6461, 2.0846.



This preview shows how white text looks on a background with the YUV color 115.6230, -11.6461, 2.0846.

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

115.6230, -11.6461, 2.0846

Protanopia

116.4280, -12.5360, 7.5176

Deuteranopia

117.0100, -11.8369, 16.6542



Tritanopia

118.1190, 2.8993, 3.4036

Trichromacy



Original Color

115.6230, -11.6461, 2.0846

Protanomaly

116.1180, -12.3832, 5.1585

Deuteranomaly

116.6780, -11.6733, 10.8064

Tritanomaly

117.0390, -2.4842, 3.4738

Monochromacy



Original Color

115.6230, -11.6461, 2.0846

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

115.8600, -4.3680, 0.9998

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.6230, -11.6461, 2.0846 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, 119, 92)` looks like.

```
.text, #text, p{  
    color:rgb(118, 119, 92)  
}
```

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, 119, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 119, 92) }
```

Border

The CSS property to change the border of an element to YUV 115.6230, -11.6461, 2.0846 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, 119, 92) }
```


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

```
.border{ border-color:rgb(118, 119, 92) }
```

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

Here you see how a box with a 4 pixel rgb(118, 119, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 119, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 119, 92);  
box-shadow:4px 4px 4px 4px rgb(118, 119,  
92) }
```

Background

The CSS property to change the background color of an element to YUV 115.6230, -11.6461, 2.0846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 119, 92) }
```

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

```
.background{ background-color: rgb(118,  
119, 92) }
```

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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