

Converting Colors

YUV(30.6650, -15.1178,
42.3898)

Have a look what the booklet for
YUV(30.6650, -15.1178, 42.3898)
contains.

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Color

**YUV(30.6650, -15.1178,
42.3898)**

Conversions

Conversions Part 1

Format	Color
Hex	4F0C00
RGB	79, 12, 0
RGB Percent	31%, 5%, 0%
CMY	0.6902, 0.9529, 1.0000
CMYK	0.00, 0.85, 1.00, 0.69
HSL	9°, 100%, 15%
HSV	9°, 100%, 31%
XYZ	3.3559, 1.9252, 0.1947
YIQ	30.6650, 43.7840, 10.4720

Conversions

Conversions Part 2

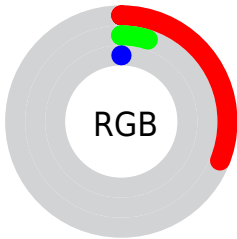
Format	Color
RYB	79, 14, 0
Decimal	5180416
CIELab	15.09, 30.02, 23.23
CIElCh	15, 37.963, 37.731
Yxy	1.9252, 0.6129, 0.3516
Android (android.graphics.Color)	4283370496 (0xFF4F0C00)
YUV	30.6650, -15.1178, 42.3898
Hunter-Lab	13.8752, 18.8913, 8.8806

Details

The YUV color **30.6650, -15.1178, 42.3898** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **48.3350, 15.1178, -42.3898**, and the grayscale version is **31.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **80.9320, -16.7285, 45.6636**, and **5.9800, -2.9481, 12.2955** is the 20% darker color. If you saturate the color by 10%, you get **30.6650, -15.1178, 42.3898**, and if you desaturate by 10%, it is **35.6860, -13.6492, 37.9864**.

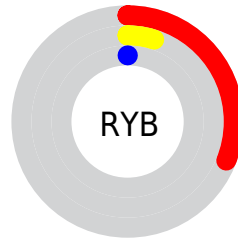
Distribution



Red (31%)

Green (5%)

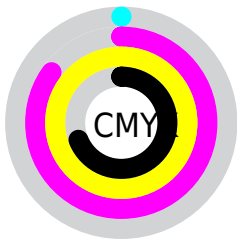
Blue (0%)



Red (31%)

Yellow (5%)

Blue (0%)

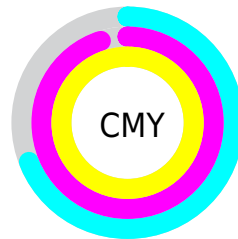


Cyan (0%)

Magenta (85%)

Yellow (100%)

Black (69%)



Cyan (69%)


Magenta (95%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YUV color 30.6650, -15.1178, 42.3898 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 30.6650, -15.1178, 42.3898 by changing the saturation by 10% instead.


 30.6650, -15.1178,
42.3898


 30.6650, -15.1178,
42.3898

 246.9980,
-10.3520, 7.0178


 15.5480, -7.6652,
31.9684

 80.9320, -16.7285,
45.6636

 5.9800, -2.9481,
12.2955

 106.3130,
-17.9023, 48.8375

 0.0000, 0.0000,
0.0000

 132.2810,
-19.3655, 51.4966


 159.0640,
-20.2446, 53.4409


 186.8470,
-21.1236, 55.3852


 207.1550,


-18.3174, 41.9601


 226.7830,
-14.1900, 24.7463


 30.6650, -15.1178,
42.3898

 35.6860, -13.6492,
37.9864

 40.1200, -11.8912,
34.0978

 45.1410, -10.4225,
29.6943

 50.1620, -8.9539,
25.2909

 55.1830, -7.4852,
20.8875

■ 59.5030, -6.1640,
17.0989

■ 64.5240, -4.6953,
12.6955

■ 69.5450, -3.2267,
8.2920

■ 73.9790, -1.4686,
4.4034

Harmonies

Analogous

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



28.4650, 1.7428, 47.8272



30.6650, -15.1178, 42.3898



36.1590, -17.8264, 24.4166

Triad

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



30.6650, -15.1178, 42.3898



30.0000, -6.9020, -26.3100



33.3810, 28.8992, -29.2751

Complementary

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



30.6650, -15.1178, 42.3898



48.3350, 15.1178, -42.3898

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.



37.0340, 25.1262, -32.4788



30.6650, -15.1178, 42.3898



33.7790, 5.0390, -29.6242

Square

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



30.6650, -15.1178, 42.3898



30.3020, -14.9389, -15.1739



36.7430, 16.3957, -32.2236



38.5380, 20.9338, 5.6672

Rectangle

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



30.6650, -15.1178, 42.3898



36.0820, -17.7884, 12.2061



36.7430, 16.3957, -32.2236



35.1420, 28.0310, -30.8195

Sweetspot

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



30.6650, -15.1178, 42.3898



83.2040, -6.0166, 16.4841



31.2590, 17.6203, 41.8689



39.5560, -3.2321, 10.0364



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



30.6650, -15.1178, 42.3898



39.3030, -19.3764, 54.9853



53.5580, -26.4041, 22.3126



35.7830, -0.8790, 1.9443



89.3150, -44.0323, 123.3807

Inverse Universe

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



48.3350, 15.1178, -42.3898



62.6970, 19.3764, -54.9853



25.4420, 26.4041, -22.3126



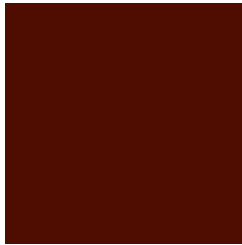
36.8040, 0.5896, -2.4591



140.6850, 44.0323, -123.3807

Previews

White Background



This preview shows how the YUV color 30.6650, -15.1178, 42.3898 looks on a white background.

Color Contrast Check

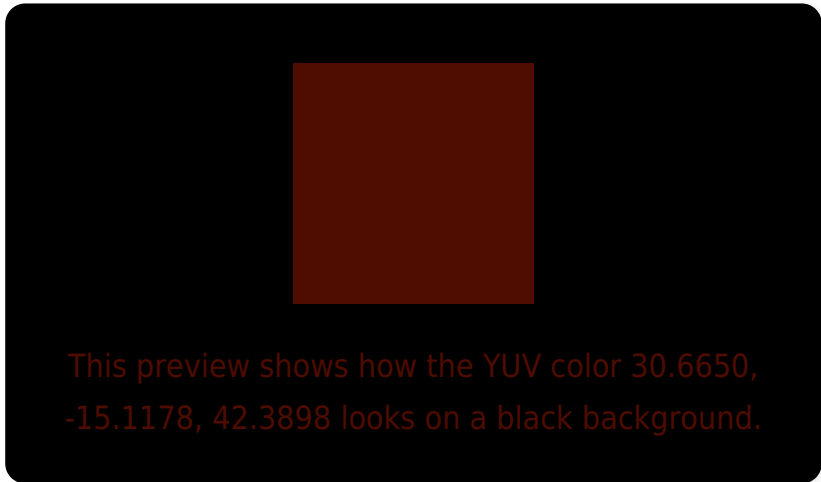
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

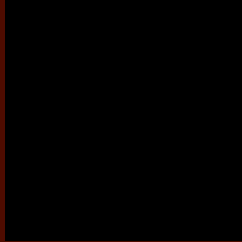
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 30.6650, -15.1178, 42.3898

Background



This preview shows how black text looks on a background with the YUV color 30.6650, -15.1178, 42.3898.

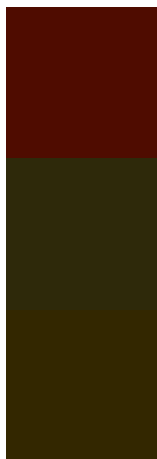


This preview shows how white text looks on a background with the YUV color 30.6650, -15.1178,

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

30.6650, -15.1178, 42.3898

Protanopia

38.9610, -14.2778, 6.1732

Deuteranopia

38.1420, -18.8040, 11.2765



Tritanopia

31.2180, -10.4605, 41.9048

Trichromacy



Original Color

30.6650, -15.1178, 42.3898

Protanomaly

35.6360, -14.6105, 19.6132

Deuteranomaly

35.2620, -17.3842, 22.5722

Tritanomaly

30.7620, -12.2077, 42.3047

Monochromacy



Original Color

30.6650, -15.1178, 42.3898

Achromatopsia

31.0000, 0.0000, 0.0000

Achromatomaly

30.7200, -5.2850, 15.1546

CSS Examples

Text

The CSS property to change the color of the text to YUV 30.6650, -15.1178, 42.3898 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(79, 12, 0)` looks like.

```
.text, #text, p{  
    color:rgb(79, 12, 0)  
}
```

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(79, 12, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 12, 0) }
```

Border

The CSS property to change the border of an element to YUV 30.6650, -15.1178, 42.3898 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(79, 12, 0) }
```

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

```
.border{ border-color:rgb(79, 12, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 12, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 12, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(79, 12, 0); box-shadow:4px  
4px 4px 4px rgb(79, 12, 0) }
```

Background

The CSS property to change the background color of an element to YUV 30.6650, -15.1178, 42.3898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 12, 0) }
```

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

```
.background{ background-color: rgb(79, 12,  
0) }
```

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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