

Converting Colors

YUV(30.0650, -11.8640,
25.3760)

Have a look what the booklet for
YUV(30.0650, -11.8640, 25.3760)
contains.

YUV(30.0650, -11.8640, 25.3760)	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(30.0650, -11.8640,
25.3760)**

Conversions

Conversions Part 1

Format	Color
Hex	3B1406
RGB	59, 20, 6
RGB Percent	23%, 8%, 2%
CMY	0.7686, 0.9216, 0.9765
CMYK	0.00, 0.66, 0.90, 0.77
HSL	16°, 82%, 13%
HSV	16°, 90%, 23%
XYZ	2.0867, 1.4433, 0.3409
YIQ	30.0650, 27.7380, 3.9140

Conversions

Conversions Part 2

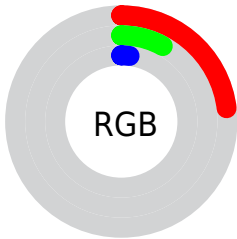
Format	Color
R_{YB}	59, 25, 6
Decimal	3871750
CIE Lab	12.24, 18.27, 16.23
CIE LCh	12, 24.438, 41.623
Yxy	1.4433, 0.5391, 0.3729
Android (android.graphics.Color)	4282061830 (0xFF3B1406)
YUV	30.0650, -11.8640, 25.3760
Hunter-Lab	12.0136, 9.9801, 6.7271

Details

The YUV color **30.0650, -11.8640, 25.3760** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **34.9350, 11.8640, -25.3760**, and the grayscale version is **30.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **75.9730, -12.3117, 28.9647**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **27.0330, -13.3273, 28.0351**, and if you desaturate by 10%, it is **33.0970, -10.4008, 22.7169**.

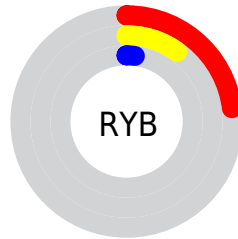
Distribution



Red (23%)

Green (8%)

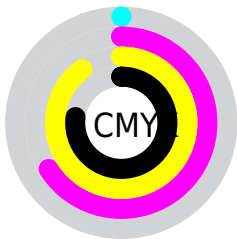
Blue (2%)



Red (23%)

Yellow (10%)

Blue (2%)

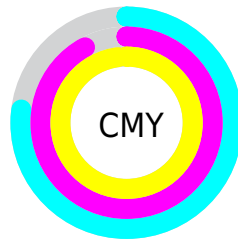


Cyan (0%)

Magenta (66%)

Yellow (90%)

Black (77%)



Cyan (77%)

Magenta (92%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 30.0650, -11.8640, 25.3760 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 30.0650, -11.8640, 25.3760 by changing the saturation by 10% instead.

■ 30.0650, -11.8640,
25.3760

■ 30.0650, -11.8640,
25.3760

■ 248.1550, -8.4574,
6.0031

■ 11.0630, -5.4541,
22.7467

■ 75.9730, -12.3117,
28.9647

■ 0.0000, 0.0000,
0.0000

■ 100.7560,
-13.1907, 30.9090

■ 125.6530,
-13.6329, 32.7533


■ 152.1370,
-14.3645, 34.0829


■ 178.9200,
-15.2436, 36.0272


■ 207.1050,


-15.8278, 36.7419


 228.5270,
-12.5848, 23.2168


 30.0650, -11.8640,
25.3760


 30.0650, -11.8640,
25.3760


 27.0330, -13.3273,
28.0351

 33.0970, -10.4008,
22.7169

 36.7160, -9.2270,
19.5431

 39.7480, -7.7638,
16.8840

 42.7800, -6.3005,
14.2249

 46.2850, -5.5635,
11.1511

■ 49.3170, -4.1003,
8.4920

■ 52.3490, -2.6371,
5.8329

■ 55.9680, -1.4632,
2.6591

■ 59.0000, 0.0000,
0.0000

Harmonies

Analogous

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



30.3070, -2.1234, 27.7948



30.0650, -11.8640, 25.3760



30.5000, -15.0365, 16.2245

Triad

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



30.0650, -11.8640, 25.3760



25.2870, -2.1135, -22.1767



27.9880, 18.2469, -19.2835

Complementary

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



30.0650, -11.8640, 25.3760



34.9350, 11.8640, -25.3760

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.



29.0150, 17.2476, -25.4462



30.0650, -11.8640, 25.3760



27.8120, 5.0227, -24.3911

Square

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



30.0650, -11.8640, 25.3760



26.8020, -13.2134, -8.5964



29.0490, 12.3008, -25.4760



32.8450, 11.9084, 7.1519

Rectangle

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



30.0650, -11.8640, 25.3760



30.1570, -14.8674, 8.6323



29.0490, 12.3008, -25.4760



27.4820, 18.9894, -24.1017

Sweetspot

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



30.0650, -11.8640, 25.3760



65.2140, -4.5425, 10.3363



26.4070, 9.6593, 28.5841



31.3490, -2.6371, 5.8329



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



30.0650, -11.8640, 25.3760



34.7630, -17.1382, 37.0418



45.3270, -19.3882, 11.9912



28.8970, -0.4422, 1.8443



42.7810, -21.0910, 44.9191



101.0110, -49.7984, 106.1074

Inverse Universe

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



34.9350, 11.8640, -25.3760



41.6500, 17.4276, -36.5270



19.6730, 19.3882, -11.9912



29.5160, 0.7316, -1.3295



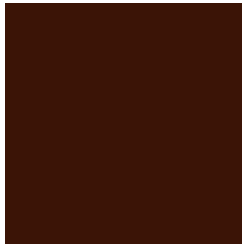
51.2190, 21.0910, -44.9191



120.9890, 49.7984, -106.1074

Previews

White Background



This preview shows how the YUV color 30.0650, -11.8640, 25.3760 looks on a white background.

Color Contrast Check

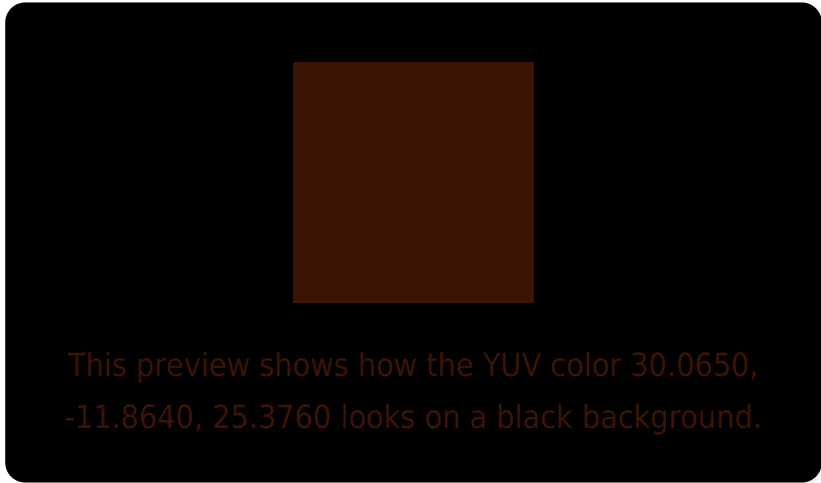
Large Text (above 18pt) WCAG AA ✓ Pass

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

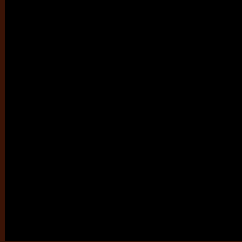
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 30.0650, -11.8640, 25.3760

Background



This preview shows how black text looks on a background with the YUV color 30.0650, -11.8640, 25.3760.



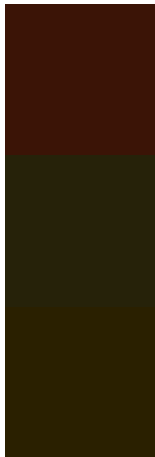
This preview shows how white text looks on a background with the YUV color 30.0650, -11.8640,

25.3760.

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

30.0650, -11.8640, 25.3760

Protanopia

32.3460, -11.5096, 4.9586

Deuteranopia

31.3420, -15.4516, 9.3471



Tritanopia

31.0740, -5.4595, 24.4911

Trichromacy



Original Color

30.0650, -11.8640, 25.3760

Protanomaly

31.6890, -11.6787, 12.5507

Deuteranomaly

31.0160, -14.3049, 14.8950

Tritanomaly

30.5040, -7.6435, 24.9910

Monochromacy



Original Color

30.0650, -11.8640, 25.3760

Achromatopsia

30.0000, 0.0000, 0.0000

Achromatomaly

29.9150, -4.3951, 9.7215

CSS Examples

Text

The CSS property to change the color of the text to YUV 30.0650, -11.8640, 25.3760 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(59, 20, 6)` looks like.

```
.text, #text, p{  
    color:rgb(59, 20, 6)  
}
```

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(59, 20, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 20, 6) }
```

Border

The CSS property to change the border of an element to YUV 30.0650, -11.8640, 25.3760 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(59, 20, 6) }
```


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

```
.border{ border-color:rgb(59, 20, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 20, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 20, 6); -webkit-box-shadow:4px  
4px 4px 4px rgb(59, 20, 6); box-shadow:4px  
4px 4px 4px rgb(59, 20, 6) }
```

Background

The CSS property to change the background color of an element to YUV 30.0650, -11.8640, 25.3760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 20, 6) }
```

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

```
.background{ background-color: rgb(59, 20,  
6) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor