

Converting Colors

YUV(86.0650, -11.8640,
25.3760)

Have a look what the booklet for
YUV(86.0650, -11.8640, 25.3760)
contains.

YUV(86.0650, -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(86.0650, -11.8640,
25.3760)**

Conversions

Conversions Part 1

Format	Color
Hex	734C3E
RGB	115, 76, 62
RGB Percent	45%, 30%, 24%
CMY	0.5490, 0.7020, 0.7569
CMYK	0.00, 0.34, 0.46, 0.55
HSL	16°, 30%, 35%
HSV	16°, 46%, 45%
XYZ	10.5242, 9.1615, 5.7711
YIQ	86.0650, 27.7380, 3.9140

Conversions

Conversions Part 2

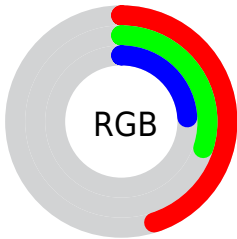
Format	Color
RYB	115, 81, 62
Decimal	7556158
CIELab	36.29, 14.69, 15.03
CIElCh	36, 21.022, 45.655
Yxy	9.1615, 0.4134, 0.3599
Android (android.graphics.Color)	4285746238 (0xFF734C3E)
YUV	86.0650, -11.8640, 25.3760
Hunter-Lab	30.2680, 9.0954, 9.8830

Details

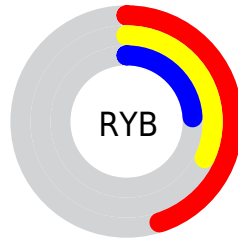
The YUV color **86.0650, -11.8640, 25.3760** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **90.9350, 11.8640, -25.3760**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.4460, -13.0379, 28.5499**, and **39.9120, -9.8166, 22.0022** is the 20% darker color. If you saturate the color by 10%, you get **80.1150, -14.3537, 30.5941**, and if you desaturate by 10%, it is **92.1290, -8.9376, 20.0579**.

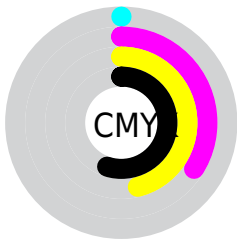
Distribution



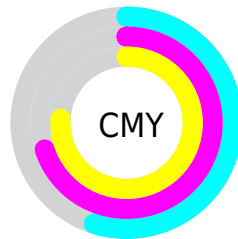
- Red (45%)
- Green (30%)
- Blue (24%)



- Red (45%)
- Yellow (32%)
- Blue (24%)



- Cyan (0%)
- Magenta (34%)
- Yellow (46%)
- Black (55%)



- Cyan (55%)
- Magenta (70%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.0650, -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 86.0650, -11.8640, 25.3760 by changing the saturation by 10% instead.

■ 86.0650, -11.8640,
25.3760

■ 86.0650, -11.8640,
25.3760

■ 255.0000, 0.0000,
0.0000

■ 62.2820, -10.9850,
23.4317

■ 136.4460,
-13.0379, 28.5499

■ 39.9120, -9.8166,
22.0022

■ 162.6310,
-13.6221, 29.2646

■ 18.4280, -9.0850,
20.6726

■ 190.1150,
-14.3537, 30.5941

■ 0.0000, 0.0000,
0.0000

■ 217.7130,
-14.6485, 31.8237

■ 238.2270,
-10.9579, 14.7099

■ 253.7460, -4.8048,

1.0998

■ 86.0650, -11.8640,
25.3760

■ 86.0650, -11.8640,
25.3760

■ 80.1150, -14.3537,
30.5941

■ 92.1290, -8.9376,
20.0579

■ 73.4640, -16.9908,
36.4271

■ 98.6660, -6.7373,
14.3249

■ 67.5140, -19.4804,
41.6452

■ 104.7300, -3.8109,
9.0068

■ 60.8630, -22.1175,
47.4781

■ 111.2670, -1.6106,
3.2738

■ 54.9130, -24.6071,
52.6963

■ 117.3310, 1.3158,
-2.0443

■ 51.9950, -25.6335,
55.2554

■ 123.8680, 3.5161,
-7.7772

■ 129.9320, 6.4425,
-13.0954

■ 136.4690, 8.6428,
-18.8283

■ 142.4190, 11.1324,
-24.0465

Harmonies

Analogous

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



87.2100, -5.0335, 27.8798



86.0650, -11.8640, 25.3760



85.2720, -15.9101, 16.4245

Triad

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



86.0650, -11.8640, 25.3760



78.1940, -1.0816, -26.4801



85.4840, 16.0304, -8.3175

Complementary

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



86.0650, -11.8640, 25.3760



90.9350, 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.



80.3460, 18.5634, -27.4904



86.0650, -11.8640, 25.3760



75.1520, 9.2921, -40.4753

Square

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



86.0650, -11.8640, 25.3760



81.0020, -9.8610, -10.5258



75.0900, 16.7176, -42.1749



87.5140, 10.5926, 9.1962

Rectangle

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



86.0650, -11.8640, 25.3760



83.9290, -15.7410, 8.8323



75.0900, 16.7176, -42.1749



84.0810, 17.2151, -14.9800

Sweetspot

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



86.0650, -11.8640, 25.3760



138.8010, -4.8319, 9.8215



82.4070, 9.6593, 28.5841



69.5340, -3.2213, 6.5477



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



86.0650, -11.8640, 25.3760



105.4320, -18.4540, 39.0861



101.3270, -19.3882, 11.9912



55.3810, -1.1738, 3.1739



55.2620, -27.2442, 58.5292



113.4920, -55.9516, 119.7175

Inverse Universe

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



90.9350, 11.8640, -25.3760



113.1550, 18.1646, -39.6009



75.6730, 19.3882, -11.9912



56.0320, 1.4632, -2.6591



66.7380, 27.2442, -58.5292



136.5080, 55.9516, -119.7175

Previews

White Background



This preview shows how the YUV color 86.0650, -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



This preview shows how the YUV color 86.0650, -11.8640, 25.3760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

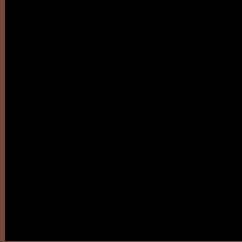
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.0650, -11.8640, 25.3760

Background



This preview shows how black text looks on a background with the YUV color 86.0650, -11.8640, 25.3760.



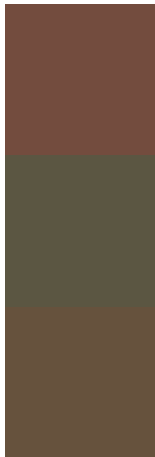
This preview shows how white text looks on a background with the YUV color 86.0650, -11.8640,

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

86.0650, -11.8640, 25.3760

Protanopia

85.2150, -9.4730, 5.0734

Deuteranopia

85.5860, -12.1209, 14.3951



Tritanopia

87.1280, -4.0071, 25.3207

Trichromacy



Original Color

86.0650, -11.8640, 25.3760

Protanomaly

85.4440, -10.0789, 12.7656

Deuteranomaly

85.9070, -12.2792, 18.4986

Tritanomaly

87.0310, -6.9173, 25.4058

Monochromacy



Original Color

86.0650, -11.8640, 25.3760

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

85.9150, -4.3951, 9.7215

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.0650, -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(115, 76, 62)` looks like.

```
.text, #text, p{  
    color:rgb(115, 76, 62)  
}
```

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(115, 76, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 76, 62) }
```

Border

The CSS property to change the border of an element to YUV 86.0650, -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(115, 76, 62) }
```


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

```
.border{ border-color:rgb(115, 76, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 76, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 76, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 76, 62);  
box-shadow:4px 4px 4px 4px rgb(115, 76,  
62) }
```

Background

The CSS property to change the background color of an element to YUV 86.0650, -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(115, 76, 62) }
```

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

```
.background{ background-color: rgb(115, 76,  
62) }
```

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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