

Converting Colors

YUV(87.3090, -11.9843,
17.2690)

Have a look what the booklet for
YUV(87.3090, -11.9843, 17.2690)
contains.

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Color

**YUV(87.3090, -11.9843,
17.2690)**

Conversions

Conversions Part 1

Format	Color
Hex	6B523F
RGB	107, 82, 63
RGB Percent	42%, 32%, 25%
CMY	0.5804, 0.6784, 0.7529
CMYK	0.00, 0.23, 0.41, 0.58
HSL	26°, 26%, 33%
HSV	26°, 41%, 42%
XYZ	9.9779, 9.5193, 6.0141
YIQ	87.3090, 20.9990, -0.6090

Conversions

Conversions Part 2

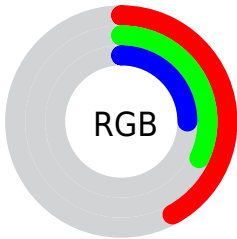
Format	Color
RYB	107, 96, 63
Decimal	7033407
CIELab	36.97, 7.57, 15.15
CIELCh	37, 16.938, 63.456
Yxy	9.5193, 0.3911, 0.3731
Android (android.graphics.Color)	4285223487 (0xFF6B523F)
YUV	87.3090, -11.9843, 17.2690
Hunter-Lab	30.8533, 3.7333, 10.0401

Details

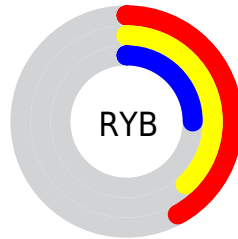
The YUV color $87.3090, -11.9843, 17.2690$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $82.6910, 11.9843, -17.2690$, and the grayscale version is $87.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $137.0920, -12.8634, 19.2133$, and $41.3410, -10.5211, 14.6099$ is the 20% darker color. If you saturate the color by 10%, you get $82.5330, -15.0528, 21.4576$, and if you desaturate by 10%, it is $92.0850, -8.9159, 13.0805$.

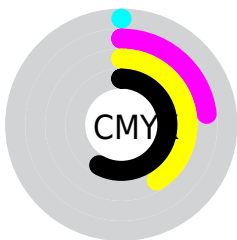
Distribution



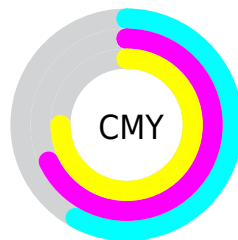
- Red (42%)
- Green (32%)
- Blue (25%)



- Red (42%)
- Yellow (38%)
- Blue (25%)



- Cyan (0%)
- Magenta (23%)
- Yellow (41%)
- Black (58%)



- Cyan (58%)
- Magenta (68%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.3090, -11.9843, 17.2690 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 87.3090, -11.9843, 17.2690 by changing the saturation by 10% instead.

87.3090, -11.9843,
17.2690

87.3090, -11.9843,
17.2690

255.0000, 0.0000,
0.0000

63.8250, -11.2527,
15.9395

137.0920,
-12.8634, 19.2133

41.3410, -10.5211,
14.6099

163.5760,
-13.5950, 20.5428

20.7430, -10.2263,
13.3804

190.7610,
-14.1792, 21.2576

0.0000, 0.0000,
0.0000

219.0600,
-14.3266, 21.8724

241.8630,
-12.2575, 11.5211

253.9740, -3.9312,

0.8998

■ 87.3090, -11.9843,
17.2690

■ 87.3090, -11.9843,
17.2690

■ 82.5330, -15.0528,
21.4576

■ 92.0850, -8.9159,
13.0805

■ 77.8710, -17.6844,
25.5461

■ 96.7470, -6.2843,
8.9919

■ 73.0950, -20.7528,
29.7347

■ 101.5230, -3.2158,
4.8033

■ 68.3190, -23.8213,
33.9232

■ 106.2990, -0.1474,
0.6148

■ 63.6570, -26.4529,
38.0118

■ 111.0750, 2.9210,
-3.5738

■ 58.9950, -29.0845,
42.1004

■ 115.7370, 5.5527,
-7.6623

■ 121.1000, 8.3317,
-12.3657

■ 125.8760, 11.4001,
-16.5543

■ 130.5380, 14.0318,
-20.6428

Harmonies

Analogous

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



88.1940, -7.4906, 22.6319



87.3090, -11.9843, 17.2690



86.3140, -12.9728, 7.6176

Triad

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



87.3090, -11.9843, 17.2690



81.0460, 3.4283, -26.3503



88.4700, 10.6143, 2.2188

Complementary

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



87.3090, -11.9843, 17.2690



82.6910, 11.9843, -17.2690

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.



86.1800, 13.7153, -12.4359



87.3090, -11.9843, 17.2690



80.1470, 10.2805, -30.8239

Square

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



87.3090, -11.9843, 17.2690



82.4620, -4.1718, -15.3142



82.8040, 13.9006, -25.2611



89.3530, 4.7560, 14.5994

Rectangle

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



87.3090, -11.9843, 17.2690



85.0250, -11.3513, 0.8551



82.8040, 13.9006, -25.2611



88.0780, 11.7935, -2.6994

Sweetspot

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



87.3090, -11.9843, 17.2690



132.7790, -4.8210, 6.3328



79.1200, 4.8708, 24.4508



66.9250, -2.9210, 3.5738



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



87.3090, -11.9843, 17.2690



109.3550, -18.4160, 26.8757



99.6360, -18.0615, 6.4582



51.5550, -1.7526, 2.1443



64.9200, -32.0056, 45.6742



135.4770, -66.7902, 96.0517

Inverse Universe

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



82.6910, 11.9843, -17.2690



102.6450, 18.4160, -26.8757



70.3640, 18.0615, -6.4582



50.4450, 1.7526, -2.1443



52.6670, 31.7162, -46.1890



109.5230, 66.7902, -96.0517

Previews

White Background



This preview shows how the YUV color 87.3090, -11.9843, 17.2690 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 87.3090, -11.9843, 17.2690 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 87.3090, -11.9843, 17.2690

Background



This preview shows how black text looks on a background with the YUV color 87.3090, -11.9843, 17.2690.

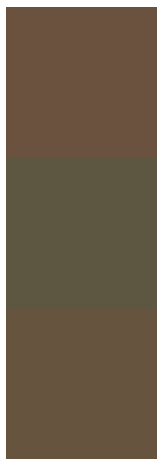


This preview shows how white text looks on a background with the YUV color 87.3090, -11.9843,

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

87.3090, -11.9843, 17.2690

Protanopia

86.2860, -10.4940, 5.8882

Deuteranopia

87.2870, -11.9735, 13.7803



Tritanopia

88.6540, -1.8014, 17.8434

Trichromacy



Original Color

87.3090, -11.9843, 17.2690

Protanomaly

86.4930, -11.0890, 10.0916

Deuteranomaly

86.9990, -11.8315, 14.9099

Tritanomaly

88.0300, -5.4378, 17.5137

Monochromacy



Original Color

87.3090, -11.9843, 17.2690

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.8930, -4.3842, 6.2328

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.3090, -11.9843, 17.2690 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(107, 82, 63)` looks like.

```
.text, #text, p{  
    color:rgb(107, 82, 63)  
}
```

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(107, 82, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 82, 63) }
```

Border

The CSS property to change the border of an element to YUV 87.3090, -11.9843, 17.2690 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(107, 82, 63) }
```


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

```
.border{ border-color:rgb(107, 82, 63) }
```

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

Here you see how a box with a 4 pixel rgb(107, 82, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 82, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 82, 63);  
box-shadow:4px 4px 4px 4px rgb(107, 82,  
63) }
```

Background

The CSS property to change the background color of an element to YUV 87.3090, -11.9843, 17.2690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 82, 63) }
```

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

```
.background{ background-color: rgb(107, 82,  
63) }
```

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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