

Converting Colors

YUV(137.7630, -14.1802,
-25.2252)

Have a look what the booklet for
YUV(137.7630, -14.1802, -25.2252)
contains.

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Color

**YUV(137.7630, -14.1802,
-25.2252)**

Conversions

Conversions Part 1

Format	Color
Hex	6D9E6D
RGB	109, 158, 109
RGB Percent	43%, 62%, 43%
CMY	0.5725, 0.3804, 0.5725
CMYK	0.31, 0.00, 0.31, 0.38
HSL	120°, 20%, 52%
HSV	120°, 31%, 62%
XYZ	21.2939, 28.8091, 18.9064
YIQ	137.7630, -13.4750, -25.6270

Conversions

Conversions Part 2

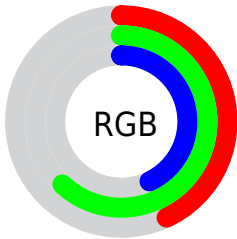
Format	Color
RYB	109, 158, 158
Decimal	7183981
CIELab	60.61, -26.55, 20.51
CIELCh	61, 33.553, 142.313
Yxy	28.8091, 0.3086, 0.4175
Android (android.graphics.Color)	4285374061 (0xFF6D9E6D)
YUV	137.7630, -14.1802, -25.2252
Hunter-Lab	53.6741, -23.1142, 16.6873

Details

The YUV color **137.7630, -14.1802, -25.2252** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **129.2370, 14.1802, 25.2252**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.8230, -15.1957, -26.1548**, and **86.8170, -12.7278, -24.3955** is the 20% darker color. If you saturate the color by 10%, you get **131.1550, -18.8104, -33.4619**, and if you desaturate by 10%, it is **144.3710, -9.5499, -16.9884**.

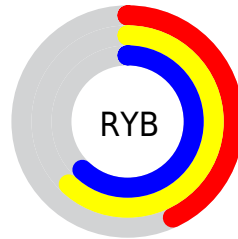
Distribution



Red (43%)

Green (62%)

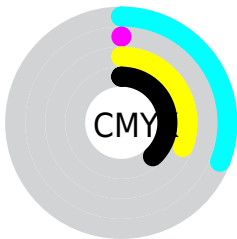
Blue (43%)



Red (43%)

Yellow (62%)

Blue (62%)

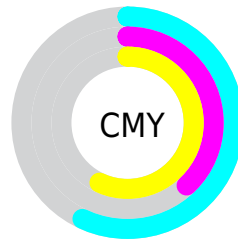


Cyan (31%)

Magenta (0%)

Yellow (31%)

Black (38%)



Cyan (57%)

Magenta (38%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.7630, -14.1802, -25.2252 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 137.7630, -14.1802, -25.2252 by changing the saturation by 10% instead.

■ 137.7630,
-14.1802, -25.2252

■ 137.7630,
-14.1802, -25.2252

■ 255.0000, 0.0000,
0.0000

■ 112.1760,
-13.8908, -24.7104

■ 191.8230,
-15.1957, -26.1548

■ 86.8170, -12.7278,
-24.3955

■ 219.4100,
-15.4851, -26.6696

■ 62.7460, -11.7068,
-25.2102

■ 239.4910,
-11.5811, -18.8476

■ 38.0770, -10.3910,
-27.2545

■ 251.0550, -3.4781,
-4.4332

■ 21.7190, -10.7075,
-19.0476

■ 2.3480, -1.1576,
-2.0592

■ 0.0000, 0.0000,

0.0000

■ 137.7630,
-14.1802, -25.2252

■ 137.7630,
-14.1802, -25.2252

■ 131.1550,
-18.8104, -33.4619

■ 144.3710, -9.5499,
-16.9884

■ 124.5470,
-23.4407, -41.6987

■ 150.9790, -4.9196,
-8.7516

■ 118.3520,
-27.7815, -49.4207

■ 157.1740, -0.5788,
-1.0296

■ 111.7440,
-32.4118, -57.6575


■ 163.7820, 4.0515,
7.2072


■ 105.1360,
-37.0420, -65.8943


■ 170.3900, 8.6817,
15.4440


■ 98.5280, -41.6723,
-74.1311

■ 176.9980, 13.3120,
23.6808

 92.7460, -45.7238,
-81.3382

 183.6060, 17.9422,
31.9175

 189.8010, 22.2831,
39.6395

 196.4090, 26.9134,
47.8763

Harmonies

Analogous

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



141.6540, -25.4654, 1.1804



137.7630, -14.1802, -25.2252



131.6420, 2.6415, -54.0600

Triad

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



137.7630, -14.1802, -25.2252



138.8030, 32.1421, -42.8002



148.0340, -11.3558, 49.0822

Complementary

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



137.7630, -14.1802, -25.2252



129.2370, 14.1802, 25.2252

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.



149.6600, 2.6326, 42.3942



137.7630, -14.1802, -25.2252



147.2420, 26.5027, -7.2282

Square

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



137.7630, -14.1802, -25.2252



125.6970, 32.6874, -77.7873



150.3830, 16.0802, 22.4661



146.8900, -23.1168, 41.3155

Rectangle

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



137.7630, -14.1802, -25.2252



125.3650, 16.0891, -73.9881



150.3830, 16.0802, 22.4661



148.5870, -6.6984, 48.5972

Sweetspot

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



137.7630, -14.1802, -25.2252



199.1530, -5.4984, -9.7812



152.4140, -21.4031, 4.8989



100.0440, -3.4727, -6.1776



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



137.7630, -14.1802, -25.2252



175.1990, -22.2831, -39.6395



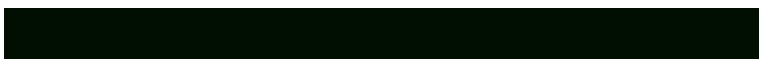
140.6130, -3.2602, -27.7246



75.6960, -2.3151, -4.1184



83.9410, -41.3829, -73.6163



8.8050, -4.3409, -7.7220

Inverse Universe

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



129.2370, 14.1802, 25.2252



161.8010, 22.2831, 39.6395



126.5010, 3.6970, 27.6246



74.3040, 2.3151, 4.1184



59.0590, 41.3829, 73.6163



6.1950, 4.3409, 7.7220

Previews

White Background



This preview shows how the YUV color 137.7630, -14.1802, -25.2252 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 137.7630, -14.1802, -25.2252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

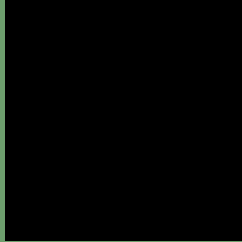
Any Text WCAG AA ✓ Pass

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 137.7630, -14.1802, -25.2252 Background



This preview shows how black text looks on a background with the YUV color 137.7630, -14.1802, -25.2252.



This preview shows how white text looks on a background with the YUV color 137.7630, -14.1802, -25.2252.

-25.2252.

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

137.7630, -14.1802, -25.2252

Protanopia

143.9140, -19.6776, 11.4764

Deuteranopia

146.1910, -16.3632, 21.7575



Tritanopia

142.8000, 9.9586, -20.8726

Trichromacy



Original Color

137.7630, -14.1802, -25.2252

Protanomaly

141.9940, -17.7450, -1.7487

Deuteranomaly

143.3090, -15.4353, 4.1140

Tritanomaly

141.0850, 0.9441, -22.8765

Monochromacy



Original Color

137.7630, -14.1802, -25.2252

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

137.5660, -5.2090, -9.2664

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.7630, -14.1802, -25.2252 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(109, 158, 109)` looks like.

```
.text, #text, p{  
    color:rgb(109, 158, 109)  
}
```

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(109, 158, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 158, 109) }
```

Border

The CSS property to change the border of an element to YUV 137.7630, -14.1802, -25.2252 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(109, 158, 109) }
```


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

```
.border{ border-color:rgb(109, 158, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 158, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 158, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 158, 109);  
box-shadow:4px 4px 4px 4px rgb(109, 158,  
109) }
```

Background

The CSS property to change the background color of an element to YUV 137.7630, -14.1802, -25.2252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 158, 109) }
```

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

```
.background{ background-color: rgb(109,  
158, 109) }
```

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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