

Converting Colors

YUV(137.2220, -23.7734,
-28.2587)

Have a look what the booklet for
YUV(137.2220, -23.7734, -28.2587)
contains.

YUV(137.2220, -23.7734, -28.2587)	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(137.2220, -23.7734,
-28.2587)**

Conversions

Conversions Part 1

Format	Color
Hex	69A359
RGB	105, 163, 89
RGB Percent	41%, 64%, 35%
CMY	0.5882, 0.3608, 0.6510
CMYK	0.36, 0.00, 0.45, 0.36
HSL	107°, 29%, 49%
HSV	107°, 45%, 64%
XYZ	20.7261, 29.9189, 14.1337
YIQ	137.2220, -10.8140, -35.3100

Conversions

Conversions Part 2

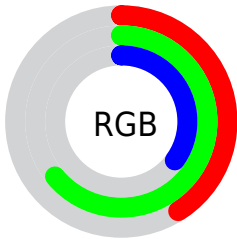
Format	Color
R_{YB}	89, 163, 147
Decimal	6923097
CIE _{Lab}	61.58, -33.46, 32.50
CIE _{LCh}	62, 46.648, 135.837
Yxy	29.9189, 0.3200, 0.4619
Android (android.graphics.Color)	4285113177 (0xFF69A359)
YUV	137.2220, -23.7734, -28.2587
Hunter-Lab	54.6982, -28.0852, 22.9685

Details

The YUV color **137.2220, -23.7734, -28.2587** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **114.7780, 23.7734, 28.2587**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.4670, -25.3732, -28.4736**, and **85.6780, -22.0263, -28.6586** is the 20% darker color. If you saturate the color by 10%, you get **131.5110, -28.8459, -34.6511**, and if you desaturate by 10%, it is **142.9330, -18.7010, -21.8662**.

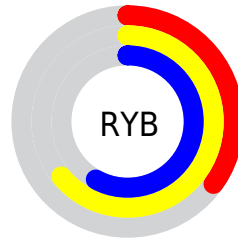
Distribution



Red (41%)

Green (64%)

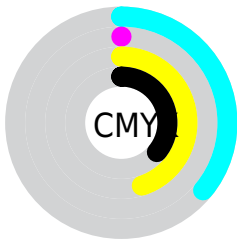
Blue (35%)



Red (35%)

Yellow (64%)

Blue (58%)

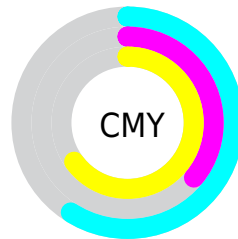


Cyan (36%)

Magenta (0%)

Yellow (45%)

Black (36%)



Cyan (59%)

Magenta (36%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.2220, -23.7734, -28.2587 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 137.2220, -23.7734, -28.2587 by changing the saturation by 10% instead.

■ 137.2220,
-23.7734, -28.2587

■ 137.2220,
-23.7734, -28.2587

■ 255.0000, 0.0000,
0.0000

■ 110.8630,
-22.6105, -27.9439

■ 191.4670,
-25.3732, -28.4736

■ 85.6780, -22.0263,
-28.6586

■ 219.6410,
-25.9520, -29.5032

■ 60.1940, -21.2946,
-29.9881

■ 236.0860,
-20.7484, -18.4924

■ 36.3940, -17.9422,
-31.9175

■ 248.0630,
-12.3561, -3.5633

■ 23.4800, -11.5756,
-20.5920

■ 254.5440, -1.7472,
0.3999

■ 6.4570, -3.1833,
-5.6628

■ 0.0000, 0.0000,

0.0000

■ 137.2220,
-23.7734, -28.2587

■ 137.2220,
-23.7734, -28.2587

■ 131.5110,
-28.8459, -34.6511

■ 142.9330,
-18.7010, -21.8662

■ 125.6860,
-34.3552, -40.9436

■ 148.7580,
-13.1917, -15.5738

■ 120.2740,
-39.5751, -46.7213

■ 154.1700, -7.9718,
-9.7961

■ 114.5630,
-44.6476, -53.1138

■ 159.8810, -2.8993,
-3.4036

■ 108.7380,
-50.1568, -59.4062

■ 165.7060, 2.6099,
2.8888

■ 106.1460,
-52.3300, -62.3950

■ 171.4170, 7.6824,
9.2813

■ 176.8290, 12.9023,
15.0590

■ 182.5400, 17.9748,
21.4514

■ 188.3650, 23.4841,
27.7439

Harmonies

Analogous

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



142.7830, -37.8540, 8.0833



137.2220, -23.7734, -28.2587



121.4660, 2.7283, -81.9697

Triad

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



137.2220, -23.7734, -28.2587



119.3250, 53.5768, -104.6480



149.0840, -10.3944, 67.4553

Complementary

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



137.2220, -23.7734, -28.2587



114.7780, 23.7734, 28.2587

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.



151.7570, 8.9938, 55.4641



137.2220, -23.7734, -28.2587



146.6880, 40.0868, -24.2824

Square

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



137.2220, -23.7734, -28.2587



121.6270, 42.0889, -106.6669



153.1410, 26.5525, 23.5553



147.7460, -27.9758, 59.8588

Rectangle

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



137.2220, -23.7734, -28.2587



117.5740, 18.9440, -103.1124



153.1410, 26.5525, 23.5553



149.7940, -3.8424, 65.9557

Sweetspot

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



137.2220, -23.7734, -28.2587



201.4040, -9.5662, -11.7553



145.1720, -27.6928, 15.6352



100.7620, -5.7987, -6.8073



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



137.2220, -23.7734, -28.2587



171.9800, -36.9651, -43.8325



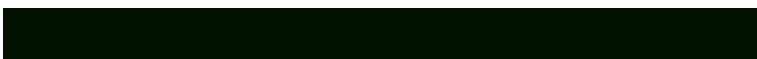
134.8320, -12.2422, -40.1947



78.8810, -2.8993, -3.4036



94.3840, -46.5313, -55.5878



11.7620, -5.7987, -6.8073

Inverse Universe

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



114.7780, 23.7734, 28.2587



137.0200, 36.9651, 43.8325



117.1680, 12.2422, 40.1947



76.1190, 2.8993, 3.4036



50.6160, 46.5313, 55.5878



6.2380, 5.7987, 6.8073

Previews

White Background



This preview shows how the YUV color 137.2220, -23.7734, -28.2587 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 137.2220, -23.7734, -28.2587 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 137.2220, -23.7734, -28.2587 Background



This preview shows how black text looks on a background with the YUV color 137.2220, -23.7734, -28.2587.



This preview shows how white text looks on a background with the YUV color 137.2220, -23.7734, -28.2587.

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

137.2220, -23.7734, -28.2587

Protanopia

145.1890, -30.1662, 15.6202

Deuteranopia

147.0040, -26.1310, 28.0605



Tritanopia

145.0170, 10.8376, -22.8169

Trichromacy



Original Color

137.2220, -23.7734, -28.2587

Protanomaly

142.0730, -27.6440, -0.0640

Deuteranomaly

143.3990, -25.3397, 7.5431

Tritanomaly

142.0910, -1.5239, -24.6358

Monochromacy



Original Color

137.2220, -23.7734, -28.2587

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

136.7570, -8.2612, -10.3109

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.2220, -23.7734, -28.2587 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(105, 163, 89)` looks like.

```
.text, #text, p{  
    color:rgb(105, 163, 89)  
}
```

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(105, 163, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 163, 89) }
```

Border

The CSS property to change the border of an element to YUV 137.2220, -23.7734, -28.2587 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(105, 163, 89) }
```


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

```
.border{ border-color:rgb(105, 163, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 163, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 163, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 163, 89);  
box-shadow:4px 4px 4px 4px rgb(105, 163,  
89) }
```

Background

The CSS property to change the background color of an element to YUV 137.2220, -23.7734, -28.2587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 163, 89) }
```

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

```
.background{ background-color: rgb(105,  
163, 89) }
```

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