

Converting Colors

YUV(137.6210, -12.1382,
-26.8546)

Have a look what the booklet for
YUV(137.6210, -12.1382, -26.8546)
contains.

YUV(137.6210, -12.1382, -26.8546)	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(137.6210, -12.1382,
-26.8546)**

Conversions

Conversions Part 1

Format	Color
Hex	6B9E71
RGB	107, 158, 113
RGB Percent	42%, 62%, 44%
CMY	0.5804, 0.3804, 0.5569
CMYK	0.32, 0.00, 0.28, 0.38
HSL	127°, 21%, 52%
HSV	127°, 32%, 62%
XYZ	21.2709, 28.7718, 20.0552
YIQ	137.6210, -15.9510, -24.8070

Conversions

Conversions Part 2

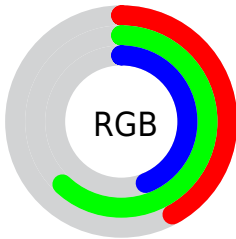
Format	Color
R_{YB}	107, 153, 158
Decimal	7052913
CIE _{Lab}	60.58, -26.52, 18.24
CIE _{LCh}	61, 32.186, 145.480
Yxy	28.7718, 0.3034, 0.4105
Android (android.graphics.Color)	4285242993 (0xFF6B9E71)
YUV	137.6210, -12.1382, -26.8546
Hunter-Lab	53.6393, -23.0839, 15.3796

Details

The YUV color **137.6210, -12.1382, -26.8546** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **127.3790, 12.1382, 26.8546**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.6810, -13.1537, -27.7842**, and **86.6750, -10.6858, -26.0250** is the 20% darker color. If you saturate the color by 10%, you get **131.2410, -15.8948, -35.2914**, and if you desaturate by 10%, it is **144.0010, -8.3815, -18.4179**.

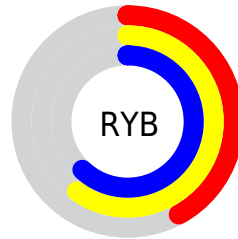
Distribution



Red (42%)

Green (62%)

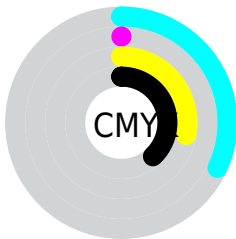
Blue (44%)



Red (42%)

Yellow (60%)

Blue (62%)

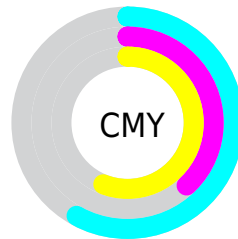


Cyan (32%)

Magenta (0%)

Yellow (28%)

Black (38%)



Cyan (58%)

Magenta (38%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.6210, -12.1382, -26.8546 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 137.6210, -12.1382, -26.8546 by changing the saturation by 10% instead.

■ 137.6210,
-12.1382, -26.8546

■ 137.6210,
-12.1382, -26.8546

■ 255.0000, 0.0000,
0.0000

■ 112.0340,
-11.8488, -26.3398

■ 191.6810,
-13.1537, -27.7842

■ 86.6750, -10.6858,
-26.0250

■ 219.2680,
-13.4431, -28.2990

■ 62.4900, -10.1016,
-26.7397

■ 239.0500, -9.3917,
-21.0919

■ 37.6360, -8.2015,
-29.4988

■ 251.0270, -0.9993,
-6.1627

■ 21.1320, -10.4181,
-18.5328

■ 2.3480, -1.1576,
-2.0592

■ 0.0000, 0.0000,

0.0000

■ 137.6210,
-12.1382, -26.8546

■ 137.6210,
-12.1382, -26.8546

■ 131.2410,
-15.8948, -35.2914

■ 144.0010, -8.3815,
-18.4179

■ 124.8610,
-19.6515, -43.7281

■ 150.3810, -4.6248,
-9.9811

■ 118.7800,
-23.5555, -51.5501

■ 156.4620, -0.7208,
-2.1592

■ 112.4000,
-27.3122, -59.9868

■ 162.8420, 3.0359,
6.2776

■ 106.0200,
-31.0689, -68.4235

■ 169.2220, 6.7926,
14.7143

■ 99.6400, -34.8255,
-76.8603

■ 175.6020, 10.5492,
23.1510

■ 94.9120, -37.4246,
-83.2378

■ 181.9820, 14.3059,
31.5878

■ 188.0630, 18.2099,
39.4097

■ 194.3290, 21.5298,
47.9465

Harmonies

Analogous

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



141.8000, -23.5654, -1.5786



137.6210, -12.1382, -26.8546



131.8100, 4.5307, -53.3304

Triad

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



137.6210, -12.1382, -26.8546



140.6790, 30.2313, -36.5525



148.0830, -12.3659, 46.4082

Complementary

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



137.6210, -12.1382, -26.8546



127.3790, 12.1382, 26.8546

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.



149.9050, 1.0328, 42.1793



137.6210, -12.1382, -26.8546



147.3950, 24.4553, -3.8544

Square

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



137.6210, -12.1382, -26.8546



129.5950, 30.7657, -68.0508



149.9380, 14.3276, 24.6104



146.5800, -22.9639, 38.9563

Rectangle

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



137.6210, -12.1382, -26.8546



126.8000, 16.3676, -69.9846



149.9380, 14.3276, 24.6104



148.8210, -8.2928, 46.6380

Sweetspot

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



137.6210, -12.1382, -26.8546



198.5550, -5.2036, -11.0107



150.3920, -21.3923, 1.4102



99.7450, -3.3253, -6.7924



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.



137.6210, -12.1382, -26.8546



174.5730, -19.5095, -42.5985



140.4710, -1.2182, -29.3541



75.8100, -1.8783, -4.2184



85.8790, -33.9573, -75.3159



9.0330, -3.4673, -7.9219

Inverse Universe

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



127.3790, 12.1382, 26.8546



158.3130, 19.0727, 42.6985



124.5290, 1.2182, 29.3541



74.1900, 1.8783, 4.2184



57.1210, 33.9573, 75.3159



6.0810, 3.9041, 7.8220

Previews

White Background



This preview shows how the YUV color 137.6210, -12.1382, -26.8546 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 137.6210, -12.1382, -26.8546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

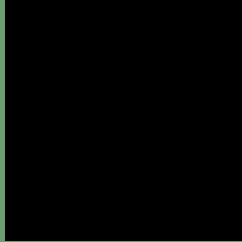
Any Text WCAG AA ✓ Pass

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 137.6210, -12.1382, -26.8546 Background



This preview shows how black text looks on a background with the YUV color 137.6210, -12.1382, -26.8546.



This preview shows how white text looks on a background with the YUV color 137.6210, -12.1382, -26.8546.

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

137.6210, -12.1382, -26.8546

Protanopia

143.9570, -18.2198, 10.5617

Deuteranopia

146.0490, -14.3212, 20.1280



Tritanopia

142.3160, 10.6902, -22.2021

Trichromacy



Original Color

137.6210, -12.1382, -26.8546

Protanomaly

141.7380, -16.1398, -3.2782

Deuteranomaly

143.1670, -13.3933, 2.4845

Tritanomaly

140.7150, 2.1125, -24.3061

Monochromacy



Original Color

137.6210, -12.1382, -26.8546

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

137.7940, -4.3354, -9.4663

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.6210, -12.1382, -26.8546 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, 158, 113)` looks like.

```
.text, #text, p{  
    color:rgb(107, 158, 113)  
}
```

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, 158, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 158, 113) }
```

Border

The CSS property to change the border of an element to YUV 137.6210, -12.1382, -26.8546 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, 158, 113) }
```


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

```
.border{ border-color:rgb(107, 158, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 158, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 158, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 158, 113);  
box-shadow:4px 4px 4px 4px rgb(107, 158,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 137.6210, -12.1382, -26.8546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 158, 113) }
```

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

```
.background{ background-color: rgb(107,  
158, 113) }
```

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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