

Converting Colors

YUV(136.2290, -44.4829,
-12.4788)

Have a look what the booklet for
YUV(136.2290, -44.4829, -12.4788)
contains.

YUV(136.2290, -44.4829, -12.4788)	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(136.2290, -44.4829,
-12.4788)**

Conversions

Conversions Part 1

Format	Color
Hex	7AA12E
RGB	122, 161, 46
RGB Percent	48%, 63%, 18%
CMY	0.5216, 0.3686, 0.8196
CMYK	0.24, 0.00, 0.71, 0.37
HSL	80°, 56%, 41%
HSV	80°, 71%, 63%
XYZ	21.2641, 29.8246, 7.2208
YIQ	136.2290, 13.6710, -44.0330

Conversions

Conversions Part 2

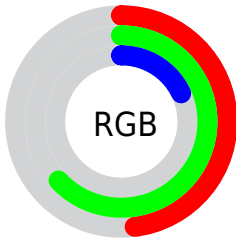
Format	Color
RYB	46, 161, 85
Decimal	8036654
CIELab	61.50, -30.53, 52.67
CIELCh	62, 60.880, 120.098
Yxy	29.8246, 0.3647, 0.5115
Android (android.graphics.Color)	4286226734 (0xFF7AA12E)
YUV	136.2290, -44.4829, -12.4788
Hunter-Lab	54.6119, -26.0688, 30.3890

Details

The YUV color **136.2290, -44.4829, -12.4788** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **70.7710, 44.4829, 12.4788**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.0010, -45.3565, -12.2789**, and **84.6140, -41.7147, -13.6935** is the 20% darker color. If you saturate the color by 10%, you get **132.9100, -50.7346, -13.9531**, and if you desaturate by 10%, it is **139.5480, -38.2312, -11.0046**.

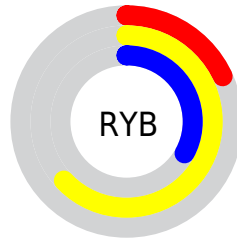
Distribution



Red (48%)

Green (63%)

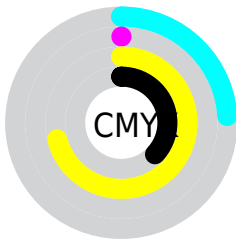
Blue (18%)



Red (18%)

Yellow (63%)

Blue (33%)

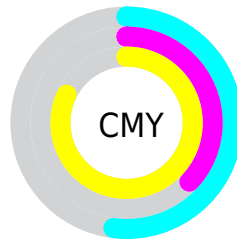


Cyan (24%)

Magenta (0%)

Yellow (71%)

Black (37%)



Cyan (52%)

Magenta (37%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.2290, -44.4829, -12.4788 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 136.2290, -44.4829, -12.4788 by changing the saturation by 10% instead.

■ 136.2290,
-44.4829, -12.4788

■ 136.2290,
-44.4829, -12.4788

■ 255.0000, 0.0000,
0.0000

■ 109.2460,
-46.9563, -12.4937

■ 191.0010,
-45.3565, -12.2789

■ 84.6140, -41.7147,
-13.6935

■ 219.1860,
-45.9407, -11.5641

■ 62.7520, -30.9367,
-17.3225

■ 237.3920,
-41.6053, -2.0978

■ 39.3950, -19.4217,
-24.0254

■ 246.5640,
-32.3231, 7.3984

■ 22.8930, -11.2862,
-20.0772

■ 249.7560,
-20.0927, 4.5990

■ 5.8700, -2.8939,
-5.1480

■ 253.0620, -7.4256,

■ 0.0000, 0.0000,

1.6996

0.0000

■ 136.2290,
-44.4829, -12.4788

■ 136.2290,
-44.4829, -12.4788

■ 132.9100,
-50.7346, -13.9531

■ 139.5480,
-38.2312, -11.0046

■ 129.2920,
-56.8390, -16.0421

■ 143.1660,
-32.1268, -8.9156

■ 126.2010,
-62.2171, -17.7163

■ 146.4850,
-25.8751, -7.4413

■ 150.1030,
-19.7708, -5.3523

■ 153.5360,
-13.0822, -3.9781

■ 157.1540, -6.9779,
-1.8891

■ 160.4730, -0.7262,
-0.4148

■ 164.0910, 5.3781,
1.6742

■ 167.4100, 11.6299,
3.1484

Harmonies

Analogous

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



141.2900, -56.8380, 30.4407



136.2290, -44.4829, -12.4788



120.1450, -13.8755, -76.4262

Triad

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



136.2290, -44.4829, -12.4788



126.0900, 56.6506, -110.5809



146.8100, 2.0657, 84.3586

Complementary

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



136.2290, -44.4829, -12.4788



70.7710, 44.4829, 12.4788

Split Complementary

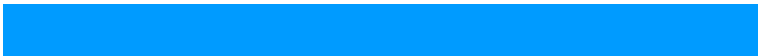
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



151.9860, 25.1499, 53.5093



136.2290, -44.4829, -12.4788



120.0550, 66.5279, -105.2882

Square

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



136.2290, -44.4829, -12.4788



124.4650, 37.7318, -109.1558



150.4980, 45.1105, -2.1907



144.8770, -23.1104, 86.0539

Rectangle

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



136.2290, -44.4829, -12.4788



116.1430, 5.8455, -101.8574



150.4980, 45.1105, -2.1907



148.2420, 10.2337, 77.8408

Sweetspot

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



136.2290, -44.4829, -12.4788



199.4990, -17.0080, -4.8226



102.6910, -27.9487, 51.1370



99.2310, -10.4669, -2.8336



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.



136.2290, -44.4829, -12.4788



170.2410, -69.6318, -19.5054



119.1860, -36.0807, -47.5211



80.0770, -3.4890, -0.9445



113.8190, -56.1128, -15.6273



14.1540, -6.9779, -1.8891

Inverse Universe

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



70.7710, 44.4829, 12.4788



67.7590, 69.6318, 19.5054



87.8140, 36.0807, 47.5211



74.9230, 3.4890, 0.9445



31.1810, 56.1128, 15.6273



3.8460, 6.9779, 1.8891

Previews

White Background



This preview shows how the YUV color 136.2290, -44.4829, -12.4788 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 136.2290, -44.4829, -12.4788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

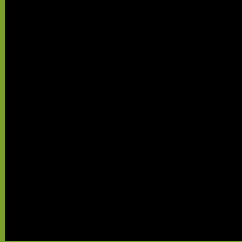
Any Text WCAG AA ✓ Pass

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 136.2290, -44.4829, -12.4788 Background



This preview shows how black text looks on a background with the YUV color 136.2290, -44.4829, -12.4788.



This preview shows how white text looks on a background with the YUV color 136.2290, -44.4829, -12.4788.

-12.4788.

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

136.2290, -44.4829, -12.4788

Protanopia

141.4120, -48.5171, 21.5637

Deuteranopia

144.2380, -44.4873, 35.7483



Tritanopia

147.1820, 7.3053, -9.8066

Trichromacy



Original Color

136.2290, -44.4829, -12.4788

Protanomaly

139.6770, -47.1688, 9.0533

Deuteranomaly

141.1280, -44.4331, 18.3047

Tritanomaly

143.2470, -11.4608, -10.7406

Monochromacy



Original Color

136.2290, -44.4829, -12.4788

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

136.0260, -16.2818, -4.4078

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.2290, -44.4829, -12.4788 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(122, 161, 46)` looks like.

```
.text, #text, p{  
    color:rgb(122, 161, 46)  
}
```

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(122, 161, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 161, 46) }
```

Border

The CSS property to change the border of an element to YUV 136.2290, -44.4829, -12.4788 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(122, 161, 46) }
```


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

```
.border{ border-color:rgb(122, 161, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 161, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 161, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 161, 46);  
box-shadow:4px 4px 4px 4px rgb(122, 161,  
46) }
```

Background

The CSS property to change the background color of an element to YUV 136.2290, -44.4829, -12.4788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 161, 46) }
```

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

```
.background{ background-color: rgb(122,  
161, 46) }
```

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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