

Converting Colors

YUV(133.7940, -44.7614,
-16.4823)

Have a look what the booklet for
YUV(133.7940, -44.7614, -16.4823)
contains.

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Color

**YUV(133.7940, -44.7614,
-16.4823)**

Conversions

Conversions Part 1

Format	Color
Hex	73A12B
RGB	115, 161, 43
RGB Percent	45%, 63%, 17%
CMY	0.5490, 0.3686, 0.8314
CMYK	0.29, 0.00, 0.73, 0.37
HSL	83°, 58%, 40%
HSV	83°, 73%, 63%
XYZ	20.2511, 29.3090, 6.8754
YIQ	133.7940, 10.4620, -46.4500

Conversions

Conversions Part 2

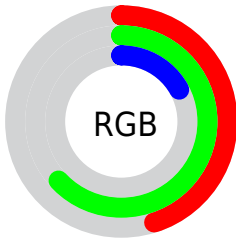
Format	Color
R_{YB}	43, 161, 89
Decimal	7577899
CIE _{Lab}	61.05, -33.49, 53.21
CIE _{LCh}	61, 62.872, 122.188
Yxy	29.3090, 0.3588, 0.5193
Android (android.graphics.Color)	4285767979 (0xFF73A12B)
YUV	133.7940, -44.7614, -16.4823
Hunter-Lab	54.1378, -27.9702, 30.3668

Details

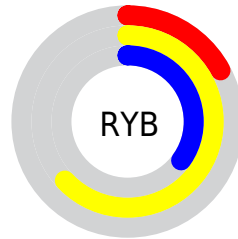
The YUV color **133.7940, -44.7614, -16.4823** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **70.2060, 44.7614, 16.4823**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.6800, -45.1982, -16.3824**, and **82.2220, -40.5354, -18.6117** is the 20% darker color. If you saturate the color by 10%, you get **130.1760, -50.8658, -18.5714**, and if you desaturate by 10%, it is **137.4120, -38.6571, -14.3933**.

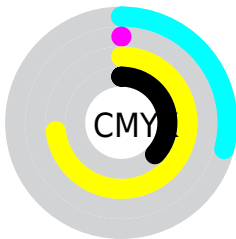
Distribution



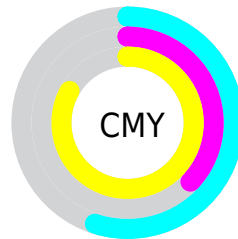
- Red (45%)
- Green (63%)
- Blue (17%)



- Red (17%)
- Yellow (63%)
- Blue (35%)



- Cyan (29%)
- Magenta (0%)
- Yellow (73%)
- Black (37%)



- Cyan (55%)
- Magenta (37%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.7940, -44.7614, -16.4823 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 133.7940, -44.7614, -16.4823 by changing the saturation by 10% instead.

■ 133.7940,
-44.7614, -16.4823

■ 133.7940,
-44.7614, -16.4823

■ 255.0000, 0.0000,
0.0000

■ 106.5830,
-48.1084, -16.2973

■ 188.6800,
-45.1982, -16.3824

■ 82.2220, -40.5354,
-18.6117

■ 217.3380,
-46.5086, -16.0824

■ 59.7730, -29.4681,
-21.7259

■ 234.9570,
-41.8838, -6.1013

■ 35.8070, -17.6529,
-31.4027

■ 246.2220,
-33.6334, 7.6983

■ 22.8930, -11.2862,
-20.0772

■ 249.4140,
-21.4031, 4.8989

■ 4.1090, -2.0257,
-3.6036

■ 252.7200, -8.7360,

■ 0.0000, 0.0000,

1.9996

0.0000

■ 133.7940,
-44.7614, -16.4823

■ 133.7940,
-44.7614, -16.4823

■ 130.1760,
-50.8658, -18.5714

■ 137.4120,
-38.6571, -14.3933

■ 126.2590,
-56.8227, -21.2751

■ 141.3290,
-32.7002, -11.6895

■ 123.8090,
-61.0378, -22.6345

■ 144.9470,
-26.5959, -9.6005

■ 148.5650,
-20.4915, -7.5115

■ 152.2970,
-13.9504, -5.5225

■ 156.2140, -7.9935,
-2.8187

■ 159.8320, -1.8892,
-0.7297

■ 163.4500, 4.2152,
1.3594

■ 167.0680, 10.3195,
3.4484

Harmonies

Analogous

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



138.5410, -60.9057, 28.4665



133.7940, -44.7614, -16.4823



110.3920, -8.5743, -96.8138

Triad

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



133.7940, -44.7614, -16.4823



125.3720, 58.9766, -109.9512



144.4900, 0.7444, 88.1473

Complementary

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



133.7940, -44.7614, -16.4823



70.2060, 44.7614, 16.4823

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, 24.6968, 58.8423



133.7940, -44.7614, -16.4823



118.8810, 67.1067, -104.2586

Square

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



133.7940, -44.7614, -16.4823



124.9210, 39.4789, -109.5557



150.2320, 45.2416, 2.4275



142.9050, -25.5892, 87.7833

Rectangle

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



133.7940, -44.7614, -16.4823



116.3710, 6.7191, -102.0574



150.2320, 45.2416, 2.4275



146.2210, 8.7650, 82.2442

Sweetspot

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



133.7940, -44.7614, -16.4823



198.3740, -17.4394, -6.4670



104.6970, -30.4166, 49.3777



98.5190, -10.6089, -3.9632



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.



133.7940, -44.7614, -16.4823



166.4960, -69.7575, -25.8680



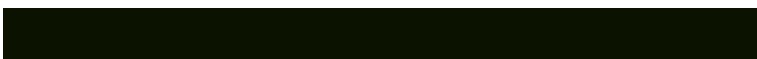
116.4520, -36.2118, -52.1394



79.7780, -3.3416, -1.5593



111.7260, -55.0809, -19.9307



13.8550, -6.8305, -2.5038

Inverse Universe

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



70.2060, 44.7614, 16.4823



67.5040, 69.7575, 25.8680



87.5480, 36.2118, 52.1394



75.2220, 3.3416, 1.5593



33.5730, 54.9335, 20.5455



4.1450, 6.8305, 2.5038

Previews

White Background



This preview shows how the YUV color 133.7940, -44.7614, -16.4823 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 133.7940, -44.7614, -16.4823 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

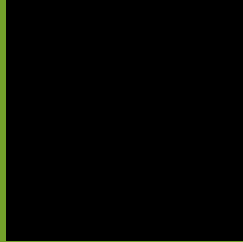
Any Text WCAG AA ✓ Pass

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 133.7940, -44.7614, -16.4823 Background



This preview shows how black text looks on a background with the YUV color 133.7940, -44.7614, -16.4823.



This preview shows how white text looks on a background with the YUV color 133.7940, -44.7614, -16.4823.

-16.4823.

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

133.7940, -44.7614, -16.4823

Protanopia

140.0700, -49.8275, 21.8636

Deuteranopia

142.2380, -44.4873, 35.7483



Tritanopia

145.3880, 8.1897, -13.4953

Trichromacy



Original Color

133.7940, -44.7614, -16.4823

Protanomaly

137.7370, -48.1843, 8.1237

Deuteranomaly

139.1170, -44.4277, 16.5604

Tritanomaly

141.3390, -11.0131, -14.3293

Monochromacy



Original Color

133.7940, -44.7614, -16.4823

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

134.0150, -16.2764, -6.1522

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.7940, -44.7614, -16.4823 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(115, 161, 43)` looks like.

```
.text, #text, p{  
    color:rgb(115, 161, 43)  
}
```

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(115, 161, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 161, 43) }
```

Border

The CSS property to change the border of an element to YUV 133.7940, -44.7614, -16.4823 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(115, 161, 43) }
```


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

```
.border{ border-color:rgb(115, 161, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 161, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 161, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 161, 43);  
box-shadow:4px 4px 4px 4px rgb(115, 161,  
43) }
```

Background

The CSS property to change the background color of an element to YUV 133.7940, -44.7614, -16.4823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 161, 43) }
```

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

```
.background{ background-color: rgb(115,  
161, 43) }
```

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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