

Converting Colors

YUV(137.4690, -18.4722,
-48.6463)

Have a look what the booklet for
YUV(137.4690, -18.4722, -48.6463)
contains.

YUV(137.4690, -18.4722, -48.6463)	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(137.4690, -18.4722,
-48.6463)**

Conversions

Conversions Part 1

Format	Color
Hex	52AD64
RGB	82, 173, 100
RGB Percent	32%, 68%, 39%
CMY	0.6784, 0.3216, 0.6078
CMYK	0.53, 0.00, 0.42, 0.32
HSL	132°, 36%, 50%
HSV	132°, 53%, 68%
XYZ	20.7235, 32.6011, 17.2570
YIQ	137.4690, -30.8030, -41.9950

Conversions

Conversions Part 2

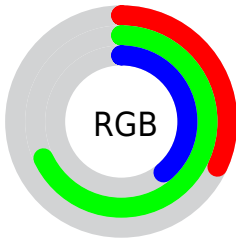
Format	Color
RYB	82, 158, 173
Decimal	5418340
CIELab	63.84, -43.18, 29.41
CIELCh	64, 52.251, 145.739
Yxy	32.6011, 0.2936, 0.4619
Android (android.graphics.Color)	4283608420 (0xFF52AD64)
YUV	137.4690, -18.4722, -48.6463
Hunter-Lab	57.0974, -35.1338, 22.0485

Details

The YUV color **137.4690, -18.4722, -48.6463** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **117.5310, 18.4722, 48.6463**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.0130, -20.2194, -48.2464**, and **81.4510, -14.5193, -56.5235** is the 20% darker color. If you saturate the color by 10%, you get **130.7900, -22.0815, -57.6978**, and if you desaturate by 10%, it is **144.1480, -14.8630, -39.5948**.

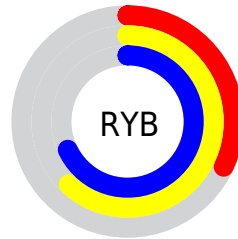
Distribution



Red (32%)

Green (68%)

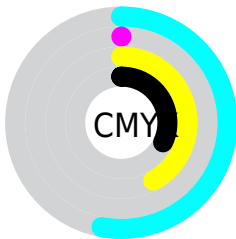
Blue (39%)



Red (32%)

Yellow (62%)

Blue (68%)

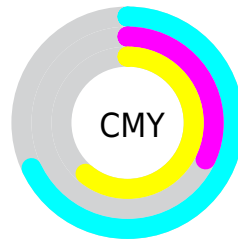


Cyan (53%)

Magenta (0%)

Yellow (42%)

Black (32%)



Cyan (68%)

Magenta (32%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.4690, -18.4722, -48.6463 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 137.4690, -18.4722, -48.6463 by changing the saturation by 10% instead.

■ 137.4690,
-18.4722, -48.6463

■ 137.4690,
-18.4722, -48.6463

■ 255.0000, 0.0000,
0.0000

■ 110.0990,
-17.3038, -50.0758

■ 193.0130,
-20.2194, -48.2464

■ 81.4510, -14.5193,
-56.5235

■ 219.7250,
-20.0774, -47.1168

■ 58.3700, -14.9724,
-51.1905

■ 231.1750,
-12.4113, -32.6025

■ 41.5460, -18.5102,
-36.4358

■ 243.1520, -4.0189,
-17.6733

■ 27.5890, -13.6014,
-24.1956

■ 254.4020, 0.2948,
-1.2296

■ 12.9140, -6.3666,
-11.3256

■ 0.0000, 0.0000,

0.0000

■ 137.4690,
-18.4722, -48.6463

■ 137.4690,
-18.4722, -48.6463

■ 130.7900,
-22.0815, -57.6978

■ 144.1480,
-14.8630, -39.5948

■ 123.8120,
-25.5433, -67.3641

■ 151.1260,
-11.4011, -29.9285

■ 117.1330,
-29.1526, -76.4156

■ 157.8050, -7.7919,
-20.8770

■ 110.4540,
-32.7618, -85.4672

■ 164.4840, -4.1826,
-11.8255

■ 105.4270,
-35.2135, -92.4595

■ 171.3480, -1.1576,
-2.0592

■ 178.0270, 2.4517,
6.9923

■ 184.7060, 6.0609,
16.0438

■ 191.3850, 9.6702,
25.0954

■ 198.3630, 13.1320,
34.7616

Harmonies

Analogous

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



145.9510, -39.4158, -4.3420



137.4690, -18.4722, -48.6463



120.5430, 12.5503, -105.7162

Triad

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



137.4690, -18.4722, -48.6463



128.3350, 58.5018, -97.6408



153.7770, -18.1311, 75.6176

Complementary

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



137.4690, -18.4722, -48.6463



117.5310, 18.4722, 48.6463

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.



156.0640, 3.4194, 70.1039



137.4690, -18.4722, -48.6463



156.0150, 40.9116, -8.7832

Square

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



137.4690, -18.4722, -48.6463



127.8850, 50.8357, -112.1551



159.2680, 24.0249, 40.9840



152.4550, -36.7063, 60.1140

Rectangle

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



137.4690, -18.4722, -48.6463



124.7780, 26.2384, -109.4303



159.2680, 24.0249, 40.9840



154.6120, -11.1477, 75.7623

Sweetspot

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



137.4690, -18.4722, -48.6463



210.0440, -6.9237, -19.3326



157.5430, -37.2427, -1.3532



103.7830, -4.3300, -11.2107



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



137.4690, -18.4722, -48.6463



168.9590, -28.5738, -75.3860



142.4850, 0.7469, -53.0453



83.5110, -1.7309, -4.8331



91.4700, -30.3047, -80.2192



14.0710, -4.4720, -12.3403

Inverse Universe

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



117.5310, 18.4722, 48.6463



138.0410, 28.5738, 75.3860



112.5150, -0.7469, 53.0453



81.4890, 1.7309, 4.8331



58.6440, 30.7415, 80.1192



8.9290, 4.4720, 12.3403

Previews

White Background



This preview shows how the YUV color 137.4690, -18.4722, -48.6463 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 137.4690, -18.4722, -48.6463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

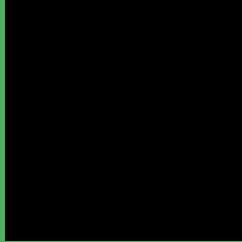
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 137.4690, -18.4722, -48.6463 Background



This preview shows how black text looks on a background with the YUV color 137.4690, -18.4722, -48.6463.



This preview shows how white text looks on a background with the YUV color 137.4690, -18.4722, -48.6463.

-48.6463.

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

137.4690, -18.4722, -48.6463

Protanopia

151.2320, -28.7084, 14.7055

Deuteranopia

153.0900, -23.2154, 26.2311



Tritanopia

146.6450, 14.9650, -40.0307

Trichromacy



Original Color

137.4690, -18.4722, -48.6463

Protanomaly

146.4140, -24.8541, -8.2561

Deuteranomaly

147.0820, -21.2394, -0.9489

Tritanomaly

143.1210, 2.8983, -43.0791

Monochromacy



Original Color

137.4690, -18.4722, -48.6463

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

137.1690, -6.4923, -17.6882

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.4690, -18.4722, -48.6463 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(82, 173, 100)` looks like.

```
.text, #text, p{  
    color:rgb(82, 173, 100)  
}
```

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(82, 173, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 173, 100) }
```

Border

The CSS property to change the border of an element to YUV 137.4690, -18.4722, -48.6463 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(82, 173, 100) }
```


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

```
.border{ border-color:rgb(82, 173, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 173, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 173, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 173, 100);  
box-shadow:4px 4px 4px 4px rgb(82, 173,  
100) }
```

Background

The CSS property to change the background color of an element to YUV 137.4690, -18.4722, -48.6463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 173, 100) }
```

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

```
.background{ background-color: rgb(82, 173,  
100) }
```

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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