

Converting Colors

YUV(149.5430, -20.4807,
-11.0002)

Have a look what the booklet for
YUV(149.5430, -20.4807, -11.0002)
contains.

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Color

**YUV(149.5430, -20.4807,
-11.0002)**

Conversions

Conversions Part 1

Format	Color
Hex	89A46C
RGB	137, 164, 108
RGB Percent	54%, 64%, 42%
CMY	0.4627, 0.3569, 0.5765
CMYK	0.16, 0.00, 0.34, 0.36
HSL	89°, 24%, 53%
HSV	89°, 34%, 64%
XYZ	26.2988, 32.9520, 19.1616
YIQ	149.5430, 1.8840, -23.1400

Conversions

Conversions Part 2

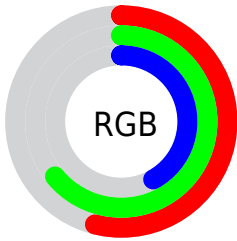
Format	Color
RYB	108, 164, 135
Decimal	9020524
CIELab	64.12, -19.54, 26.06
CIELCh	64, 32.575, 126.860
Yxy	32.9520, 0.3354, 0.4202
Android (android.graphics.Color)	4287210604 (0xFF89A46C)
YUV	149.5430, -20.4807, -11.0002
Hunter-Lab	57.4038, -18.6794, 20.3914

Details

The YUV color **149.5430, -20.4807, -11.0002** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **122.4570, 20.4807, 11.0002**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.9020, -21.6437, -11.3151**, and **98.2980, -18.8809, -10.7853** is the 20% darker color. If you saturate the color by 10%, you get **145.3270, -26.2902, -14.3188**, and if you desaturate by 10%, it is **153.7590, -14.6712, -7.6816**.

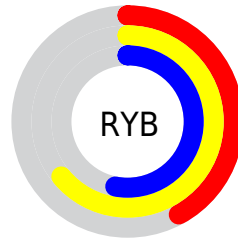
Distribution



Red (54%)

Green (64%)

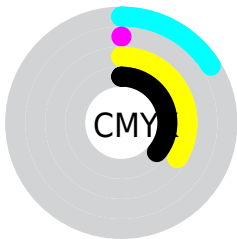
Blue (42%)



Red (42%)

Yellow (64%)

Blue (53%)

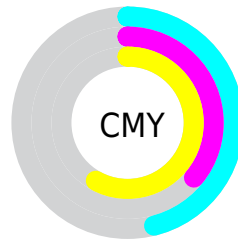


Cyan (16%)

Magenta (0%)

Yellow (34%)

Black (36%)



Cyan (46%)

Magenta (36%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.5430, -20.4807, -11.0002 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 149.5430, -20.4807, -11.0002 by changing the saturation by 10% instead.

■ 149.5430,
-20.4807, -11.0002

■ 149.5430,
-20.4807, -11.0002

■ 255.0000, 0.0000,
0.0000

■ 123.6570,
-20.0439, -11.1002

■ 203.9020,
-21.6437, -11.3151

■ 98.2980, -18.8809,
-10.7853

■ 232.3750,
-22.3699, -11.7299

■ 74.4120, -18.4441,
-10.8853

■ 248.3470,
-16.4401, -0.3043

■ 50.9390, -17.7179,
-10.4705

■ 253.7460, -4.8048,
1.0998

■ 30.0360, -14.8077,
-10.5556

■ 13.5010, -6.6560,
-11.8404

■ 0.0000, 0.0000,

0.0000

■ 149.5430,
-20.4807, -11.0002

■ 149.5430,
-20.4807, -11.0002

■ 145.3270,
-26.2902, -14.3188

■ 153.7590,
-14.6712, -7.6816

■ 140.9970,
-32.5365, -17.5374

■ 158.0890, -8.4249,
-4.4631

■ 136.7810,
-38.3460, -20.8559

■ 162.3050, -2.6154,
-1.1445

■ 132.4510,
-44.5923, -24.0745

■ 166.6350, 3.6309,
2.0741

■ 128.2350,
-50.4019, -27.3931

■ 170.8510, 9.4405,
5.3927

■ 124.3180,
-56.3588, -30.0969

■ 174.7680, 15.3974,
8.0965

■ 121.6830,
-59.9897, -32.1710

■ 179.0980, 21.6437,
11.3151

■ 183.3140, 27.4532,
14.6336

■ 187.5300, 33.2627,
17.9522

Harmonies

Analogous

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



152.8620, -27.5400, 13.2760



149.5430, -20.4807, -11.0002



144.7490, -6.2853, -37.4909

Triad

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



149.5430, -20.4807, -11.0002



144.1880, 31.4593, -57.1699



158.5590, -4.2196, 46.8678

Complementary

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



149.5430, -20.4807, -11.0002



122.4570, 20.4807, 11.0002

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.



159.4400, 9.6431, 33.8171



149.5430, -20.4807, -11.0002



153.2290, 29.4671, -24.7568

Square

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



149.5430, -20.4807, -11.0002



135.6880, 26.2828, -76.9024



158.3750, 21.5071, 8.4411



157.1170, -17.3127, 46.3784

Rectangle

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



149.5430, -20.4807, -11.0002



140.9130, 4.9729, -55.1747



158.3750, 21.5071, 8.4411



158.8020, 0.5906, 44.0236

Sweetspot

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



149.5430, -20.4807, -11.0002



208.6160, -7.6987, -4.0482



140.0060, -15.7790, 21.0427



103.7240, -4.7939, -2.3889



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.



149.5430, -20.4807, -11.0002



191.4100, -32.2471, -17.0226



141.4700, -16.5007, -27.5992



79.7780, -3.3416, -1.5593



107.5400, -53.0172, -28.5376



13.2570, -6.5357, -3.7334

Inverse Universe

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



122.4570, 20.4807, 11.0002



148.8890, 32.0997, 17.6373



130.5300, 16.5007, 27.5992



75.2220, 3.3416, 1.5593



37.4600, 53.0172, 28.5376



4.7430, 6.5357, 3.7334

Previews

White Background



This preview shows how the YUV color 149.5430, -20.4807, -11.0002 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 149.5430, -20.4807, -11.0002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

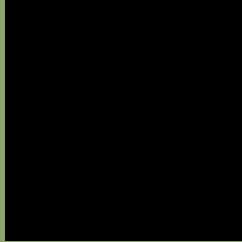
Any Text WCAG AA ✓ Pass

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 149.5430, -20.4807, -11.0002 Background



This preview shows how black text looks on a background with the YUV color 149.5430, -20.4807, -11.0002.



This preview shows how white text looks on a background with the YUV color 149.5430, -20.4807, -11.0002.

-11.0002.

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

149.5430, -20.4807, -11.0002

Protanopia

153.0730, -24.1930, 13.0910

Deuteranopia

155.1330, -21.7576, 25.3164



Tritanopia

154.4920, 7.1524, -7.4475

Trichromacy



Original Color

149.5430, -20.4807, -11.0002

Protanomaly

151.6590, -23.0029, 4.6841

Deuteranomaly

152.8710, -21.1354, 12.3911

Tritanomaly

152.8480, -2.8831, -8.6367

Monochromacy



Original Color

149.5430, -20.4807, -11.0002

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

149.7300, -7.2619, -4.1482

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.5430, -20.4807, -11.0002 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(137, 164, 108)` looks like.

```
.text, #text, p{  
    color:rgb(137, 164, 108)  
}
```

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(137, 164, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 164, 108) }
```

Border

The CSS property to change the border of an element to YUV 149.5430, -20.4807, -11.0002 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(137, 164, 108) }
```


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

```
.border{ border-color:rgb(137, 164, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 164, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 164, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 164, 108);  
box-shadow:4px 4px 4px 4px rgb(137, 164,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 149.5430, -20.4807, -11.0002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 164, 108) }
```

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

```
.background{ background-color: rgb(137,  
164, 108) }
```

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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