

Converting Colors

YUV(135.6510, -41.2399,
-26.0039)

Have a look what the booklet for
YUV(135.6510, -41.2399, -26.0039)
contains.

YUV(135.6510, -41.2399, -26.0039)	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(135.6510, -41.2399,
-26.0039)**

Conversions

Conversions Part 1

Format	Color
Hex	6AA734
RGB	106, 167, 52
RGB Percent	42%, 65%, 20%
CMY	0.5843, 0.3451, 0.7961
CMYK	0.37, 0.00, 0.69, 0.35
HSL	92°, 53%, 43%
HSV	92°, 69%, 65%
XYZ	20.3824, 30.9495, 8.1484
YIQ	135.6510, 0.5590, -48.6970

Conversions

Conversions Part 2

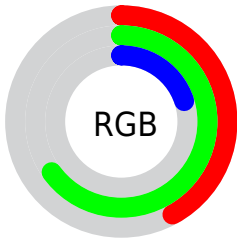
Format	Color
RYB	52, 167, 113
Decimal	6989620
CIELab	62.47, -38.93, 51.00
CIELCh	62, 64.164, 127.356
Yxy	30.9495, 0.3427, 0.5203
Android (android.graphics.Color)	4285179700 (0xFF6AA734)
YUV	135.6510, -41.2399, -26.0039
Hunter-Lab	55.6323, -31.9582, 30.2585

Details

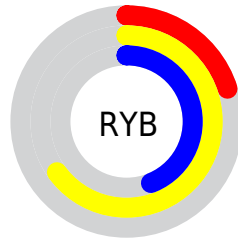
The YUV color **135.6510, -41.2399, -26.0039** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **83.3490, 41.2399, 26.0039**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.0100, -42.4029, -26.3188**, and **82.1670, -40.5083, -27.3335** is the 20% darker color. If you saturate the color by 10%, you get **131.0220, -47.3388, -29.8373**, and if you desaturate by 10%, it is **140.2800, -35.1410, -22.1706**.

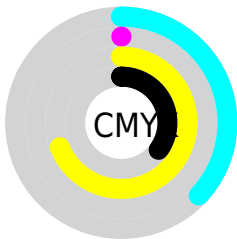
Distribution



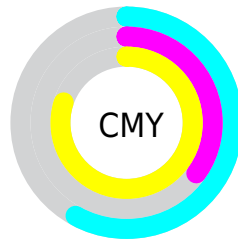
- Red (42%)
- Green (65%)
- Blue (20%)



- Red (20%)
- Yellow (65%)
- Blue (44%)



- Cyan (37%)
- Magenta (0%)
- Yellow (69%)
- Black (35%)



- Cyan (58%)
- Magenta (35%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.6510, -41.2399, -26.0039 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 135.6510, -41.2399, -26.0039 by changing the saturation by 10% instead.

■ 135.6510,
-41.2399, -26.0039

■ 135.6510,
-41.2399, -26.0039

■ 255.0000, 0.0000,
0.0000

■ 108.4230,
-42.1135, -25.8040

■ 191.0100,
-42.4029, -26.3188

■ 82.1670, -40.5083,
-27.3335

■ 219.0810,
-43.4239, -25.5040

■ 58.2230, -28.7039,
-33.5216

■ 232.9930,
-36.4785, -13.1489

■ 38.1550, -18.8104,
-33.4619

■ 245.0410,
-29.1072, 2.5950

■ 25.2410, -12.4438,
-22.1364

■ 250.4400,
-17.4719, 3.9991

■ 9.3920, -4.6303,
-8.2368

■ 253.7460, -4.8048,

■ 0.0000, 0.0000,

1.0998

0.0000

■ 135.6510,
-41.2399, -26.0039

■ 135.6510,
-41.2399, -26.0039

■ 131.0220,
-47.3388, -29.8373

■ 140.2800,
-35.1410, -22.1706

■ 126.5070,
-53.0010, -33.7706

■ 144.7950,
-29.4789, -18.2372

■ 121.8780,
-59.0999, -37.6040

■ 149.4240,
-23.3800, -14.4038

■ 121.3510,
-59.8260, -38.0188

■ 153.7540,
-17.1337, -11.1853

■ 158.2690,
-11.4716, -7.2519

■ 162.8980, -5.3727,
-3.4185

■ 167.5270, 0.7262,
0.4148

■ 172.1560, 6.8251,
4.2482

■ 176.6710, 12.4872,
8.1815

Harmonies

Analogous

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



141.5680, -61.9050, 22.3039



135.6510, -41.2399, -26.0039



114.6950, -4.7796, -100.5875

Triad

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



135.6510, -41.2399, -26.0039



128.2730, 62.4764, -112.4954



147.2580, -4.0712, 92.7357

Complementary

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



135.6510, -41.2399, -26.0039



83.3490, 41.2399, 26.0039

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.



152.7490, 21.3227, 67.7491



135.6510, -41.2399, -26.0039



128.4490, 62.3896, -84.5858

Square

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



135.6510, -41.2399, -26.0039



128.2780, 44.7259, -112.4998



155.0270, 42.8777, 14.0083



146.3410, -30.2411, 86.5239

Rectangle

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



135.6510, -41.2399, -26.0039



120.3150, 11.6767, -105.5163



155.0270, 42.8777, 14.0083



148.9290, 4.9650, 87.7623

Sweetspot

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



135.6510, -41.2399, -26.0039



204.5800, -16.5549, -10.1557



121.0180, -34.0259, 40.3262



102.3230, -10.0192, -6.4223



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



135.6510, -41.2399, -26.0039



167.7760, -64.4726, -41.0226



119.7330, -32.4064, -59.4018



81.8920, -2.9048, -1.6593



107.5070, -53.0010, -33.7706



14.7300, -7.2619, -4.1482

Inverse Universe

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



83.3490, 41.2399, 26.0039



85.9250, 64.6200, 40.4078



99.2670, 32.4064, 59.4018



78.1080, 2.9048, 1.6593



40.1940, 53.1484, 33.1559



5.5690, 7.1145, 4.7630

Previews

White Background



This preview shows how the YUV color 135.6510, -41.2399, -26.0039 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 135.6510, -41.2399, -26.0039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

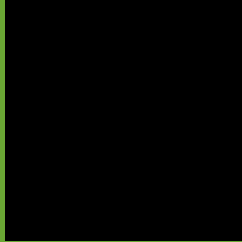
Any Text WCAG AA ✓ Pass

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 135.6510, -41.2399, -26.0039 Background



This preview shows how black text looks on a background with the YUV color 135.6510, -41.2399, -26.0039.



This preview shows how white text looks on a background with the YUV color 135.6510, -41.2399, -26.0039.

-26.0039.

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

135.6510, -41.2399, -26.0039

Protanopia

144.3410, -47.4961, 20.7489

Deuteranopia

146.6940, -42.7401, 35.3484



Tritanopia

147.5010, 10.1060, -21.4874

Trichromacy



Original Color

135.6510, -41.2399, -26.0039

Protanomaly

141.1000, -45.4053, 3.4203

Deuteranomaly

142.9640, -42.3803, 13.1866

Tritanomaly

143.2670, -8.5126, -23.0362

Monochromacy



Original Color

135.6510, -41.2399, -26.0039

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

135.6340, -15.1026, -9.3260

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.6510, -41.2399, -26.0039 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(106, 167, 52)` looks like.

```
.text, #text, p{  
    color:rgb(106, 167, 52)  
}
```

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(106, 167, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 167, 52) }
```

Border

The CSS property to change the border of an element to YUV 135.6510, -41.2399, -26.0039 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(106, 167, 52) }
```


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

```
.border{ border-color:rgb(106, 167, 52) }
```

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

Here you see how a box with a 4 pixel rgb(106, 167, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 167, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 167, 52);  
box-shadow:4px 4px 4px 4px rgb(106, 167,  
52) }
```

Background

The CSS property to change the background color of an element to YUV 135.6510, -41.2399, -26.0039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 167, 52) }
```

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

```
.background{ background-color: rgb(106,  
167, 52) }
```

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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