

Converting Colors

YUV(163.0510, -47.8461,
-7.0607)

Have a look what the booklet for
YUV(163.0510, -47.8461, -7.0607)
contains.

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Color

**YUV(163.0510, -47.8461,
-7.0607)**

Conversions

Conversions Part 1

Format	Color
Hex	9BBA42
RGB	155, 186, 66
RGB Percent	61%, 73%, 26%
CMY	0.3922, 0.2706, 0.7412
CMYK	0.17, 0.00, 0.65, 0.27
HSL	76°, 48%, 49%
HSV	76°, 65%, 73%
XYZ	32.0598, 42.4797, 11.6639
YIQ	163.0510, 20.0440, -43.8920

Conversions

Conversions Part 2

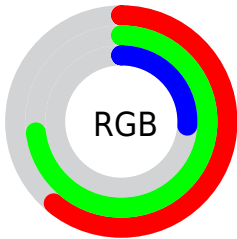
Format	Color
RYB	66, 186, 97
Decimal	10205762
CIELab	71.20, -27.81, 55.36
CIELCh	71, 61.953, 116.674
Yxy	42.4797, 0.3719, 0.4928
Android (android.graphics.Color)	4288395842 (0xFF9BBA42)
YUV	163.0510, -47.8461, -7.0607
Hunter-Lab	65.1765, -26.2559, 35.0130

Details

The YUV color **163.0510, -47.8461, -7.0607** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **88.9490, 47.8461, 7.0607**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.0080, -49.3039, -6.1460**, and **107.9710, -53.2297, -6.9906** is the 20% darker color. If you saturate the color by 10%, you get **159.3900, -55.4083, -8.2350**, and if you desaturate by 10%, it is **166.7120, -40.2840, -5.8864**.

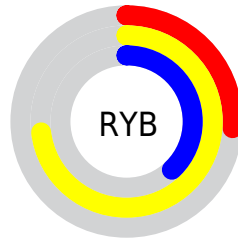
Distribution



Red (61%)

Green (73%)

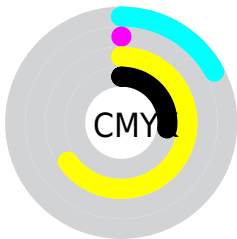
Blue (26%)



Red (26%)

Yellow (73%)

Blue (38%)

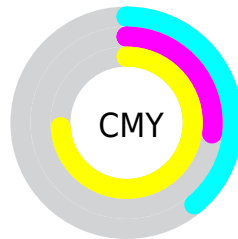


Cyan (17%)

Magenta (0%)

Yellow (65%)

Black (27%)



Cyan (39%)

Magenta (27%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.0510, -47.8461, -7.0607 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 163.0510, -47.8461, -7.0607 by changing the saturation by 10% instead.

■ 163.0510,
-47.8461, -7.0607

■ 163.0510,
-47.8461, -7.0607

■ 255.0000, 0.0000,
0.0000

■ 135.6380,
-48.1355, -7.5755

■ 219.0080,
-49.3039, -6.1460

■ 107.9710,
-53.2297, -6.9906

■ 238.5020,
-45.1105, 2.1907

■ 84.9350, -41.8730,
-9.5900

■ 245.7660,
-35.3806, 8.0982

■ 63.0730, -31.0950,
-13.2190

■ 249.0720,
-22.7135, 5.1989

■ 40.9010, -20.1642,
-19.2072

■ 252.2640,
-10.4832, 2.3995

■ 22.3060, -10.9969,
-19.5624

■ 4.6960, -2.3151,

-4.1184

■ 0.0000, 0.0000,
0.0000

■ 163.0510,
-47.8461, -7.0607

■ 163.0510,
-47.8461, -7.0607

■ 159.3900,
-55.4083, -8.2350

■ 166.7120,
-40.2840, -5.8864

■ 155.8430,
-62.5336, -9.5093

■ 170.2590,
-33.1587, -4.6121

■ 152.4810,
-70.2431, -10.0688

■ 173.6210,
-25.4492, -4.0526

■ 150.4440,
-74.1689, -10.9134

■ 177.1680,
-18.3238, -2.7783

■ 180.8290,
-10.7617, -1.6040

■ 184.4900, -3.1996,
-0.4297

■ 188.0370, 3.9258,
0.8446

■ 191.3990, 11.6353,
1.4041

■ 194.9460, 18.7606,
2.6784

Harmonies

Analogous

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



168.0350, -56.7123, 36.8033



163.0510, -47.8461, -7.0607



151.0990, -20.7548, -63.2308

Triad

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



163.0510, -47.8461, -7.0607



144.1220, 54.6629, -126.3950



169.3080, 6.7502, 75.1519

Complementary

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



163.0510, -47.8461, -7.0607



88.9490, 47.8461, 7.0607

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.



178.8870, 28.6497, 50.9651



163.0510, -47.8461, -7.0607



136.4910, 58.4249, -119.7026

Square

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



163.0510, -47.8461, -7.0607



143.4090, 39.2384, -125.7697



173.4990, 40.1800, -7.4536



165.8590, -19.1575, 78.1767

Rectangle

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



163.0510, -47.8461, -7.0607



134.0440, 5.8943, -117.5566



173.4990, 40.1800, -7.4536



173.8220, 13.8918, 71.1931

Sweetspot

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



163.0510, -47.8461, -7.0607



233.1680, -18.3238, -2.7783



119.4900, -26.3706, 58.3293



116.7150, -11.1985, -1.5041



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



163.0510, -47.8461, -7.0607



206.4440, -74.1689, -10.9134



145.4100, -39.1491, -43.3326



90.0770, -3.4890, -0.9445



125.9570, -62.0968, -9.6093



22.7150, -11.1985, -1.5041

Inverse Universe

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



88.9490, 47.8461, 7.0607



91.5560, 74.1689, 10.9134



106.5900, 39.1491, 43.3326



84.6240, 3.6364, 0.3298



29.7440, 62.2442, 8.9945



5.2850, 11.1985, 1.5041

Previews

White Background



This preview shows how the YUV color 163.0510, -47.8461, -7.0607 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 163.0510, -47.8461, -7.0607 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 163.0510, -47.8461, -7.0607

Background



This preview shows how black text looks on a background with the YUV color 163.0510, -47.8461, -7.0607.



This preview shows how white text looks on a background with the YUV color 163.0510, -47.8461, -7.0607.

-7.0607.

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

163.0510, -47.8461, -7.0607

Protanopia

167.3260, -51.4327, 23.3931

Deuteranopia

169.7610, -47.7032, 40.5516



Tritanopia

174.1010, 6.8522, -4.4736

Trichromacy



Original Color

163.0510, -47.8461, -7.0607

Protanomaly

165.6020, -50.0898, 12.6270

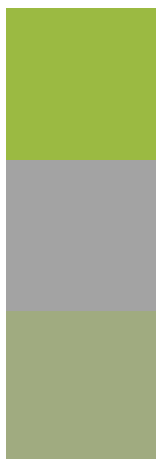
Deuteranomaly

167.5370, -48.0857, 23.2081

Tritanomaly

169.9380, -12.7874, -5.2076

Monochromacy



Original Color

163.0510, -47.8461, -7.0607

Achromatopsia

163.0000, 0.0000, 0.0000

Achromatomaly

162.8090, -17.1608, -2.4635

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.0510, -47.8461, -7.0607 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(155, 186, 66)` looks like.

```
.text, #text, p{  
    color:rgb(155, 186, 66)  
}
```

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(155, 186, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 186, 66) }
```

Border

The CSS property to change the border of an element to YUV 163.0510, -47.8461, -7.0607 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(155, 186, 66) }
```


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

```
.border{ border-color:rgb(155, 186, 66) }
```

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

Here you see how a box with a 4 pixel rgb(155, 186, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 186, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 186, 66);  
box-shadow:4px 4px 4px 4px rgb(155, 186,  
66) }
```

Background

The CSS property to change the background color of an element to YUV 163.0510, -47.8461, -7.0607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 186, 66) }
```

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

```
.background{ background-color: rgb(155,  
186, 66) }
```

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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