

Converting Colors

YUV(163.5520, -47.6001,
7.4089)

Have a look what the booklet for
YUV(163.5520, -47.6001, 7.4089)
contains.

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Color

**YUV(163.5520, -47.6001,
7.4089)**

Conversions

Conversions Part 1

Format	Color
Hex	ACB243
RGB	172, 178, 67
RGB Percent	67%, 70%, 26%
CMY	0.3255, 0.3020, 0.7373
CMYK	0.03, 0.00, 0.62, 0.30
HSL	63°, 45%, 48%
HSV	63°, 62%, 70%
XYZ	33.9468, 41.0167, 11.4380
YIQ	163.5520, 32.0550, -35.7930

Conversions

Conversions Part 2

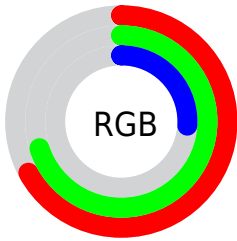
Format	Color
RYB	67, 178, 73
Decimal	11317827
CIELab	70.19, -16.75, 54.23
CIELCh	70, 56.758, 107.162
Yxy	41.0167, 0.3929, 0.4747
Android (android.graphics.Color)	4289507907 (0xFFACB243)
YUV	163.5520, -47.6001, 7.4089
Hunter-Lab	64.0443, -17.4633, 34.2421

Details

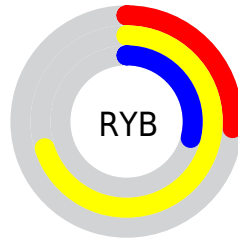
The YUV color **163.5520, -47.6001, 7.4089** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **81.4480, 47.6001, -7.4089**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.8080, -49.2053, 8.9384**, and **109.4010, -51.9627, 6.6643** is the 20% darker color. If you saturate the color by 10%, you get **161.2010, -55.3151, 8.5937**, and if you desaturate by 10%, it is **165.9030, -39.8852, 6.2241**.

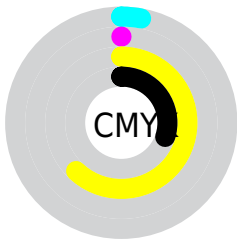
Distribution



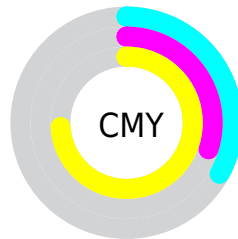
- Red (67%)
- Green (70%)
- Blue (26%)



- Red (26%)
- Yellow (70%)
- Blue (29%)



- Cyan (3%)
- Magenta (0%)
- Yellow (62%)
- Black (30%)



- Cyan (33%)
- Magenta (30%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.5520, -47.6001, 7.4089 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 163.5520, -47.6001, 7.4089 by changing the saturation by 10% instead.

■ 163.5520,
-47.6001, 7.4089

■ 163.5520,
-47.6001, 7.4089

■ 255.0000, 0.0000,
0.0000

■ 136.2530,
-47.4527, 6.7941

■ 219.8080,
-49.2053, 8.9384

■ 109.4010,
-51.9627, 6.6643

■ 242.6880,
-47.1742, 10.7976

■ 86.1970, -42.4951,
3.3352

■ 245.8800,
-34.9438, 7.9982

■ 64.6340, -31.8646,
0.3210

■ 249.0720,
-22.7135, 5.1989

■ 43.3590, -21.3760,
-3.8228

■ 252.3780,
-10.0464, 2.2995

■ 22.9590, -11.3188,
-9.6110

■ 0.5870, -0.2894,

-0.5148

■ 0.0000, 0.0000,
0.0000

■ 163.5520,
-47.6001, 7.4089

■ 163.5520,
-47.6001, 7.4089

■ 161.2010,
-55.3151, 8.5937

■ 165.9030,
-39.8852, 6.2241

■ 158.8500,
-63.0300, 9.7786

■ 168.2540,
-32.1702, 5.0392

■ 156.6130,
-70.3082, 10.8634

■ 170.4910,
-24.8921, 3.9544

■ 154.7180,
-76.2760, 11.6483

■ 172.8420,
-17.1771, 2.7696

■ 175.1930, -9.4621,
1.5847

■ 177.5440, -1.7472,
0.3999

■ 179.8950, 5.9678,
-0.7849

■ 182.1320, 13.2459,
-1.8698

■ 184.4830, 20.9609,
-3.0546

Harmonies

Analogous

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



167.7400, -49.1718, 44.9550



163.5520, -47.6001, 7.4089



156.4890, -28.8351, -38.1399

Triad

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



163.5520, -47.6001, 7.4089



141.9220, 51.3105, -124.4656



174.3120, 10.6922, 70.7634

Complementary

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



163.5520, -47.6001, 7.4089



81.4480, 47.6001, -7.4089

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.



176.6780, 32.2037, 30.9774



163.5520, -47.6001, 7.4089



137.0780, 58.1355, -120.2174

Square

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



163.5520, -47.6001, 7.4089



138.4390, 30.3496, -121.4110



167.7630, 43.0078, -27.8562



167.2100, -11.4425, 76.9918

Rectangle

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



163.5520, -47.6001, 7.4089



143.9470, -6.8759, -81.5145



167.7630, 43.0078, -27.8562



175.8960, 18.2923, 59.7272

Sweetspot

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



163.5520, -47.6001, 7.4089



226.3860, -18.9243, 3.1695



103.7110, -18.0985, 65.1515



113.6230, -11.6461, 2.0846



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



163.5520, -47.6001, 7.4089



209.4730, -74.6762, 11.8632



147.1070, -39.4928, -26.4038



87.9740, -3.9312, 0.8998



133.1660, -65.6508, 10.3784



22.4380, -11.0619, 1.3699

Inverse Universe

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



81.4480, 47.6001, -7.4089



80.5270, 74.6762, -11.8632



97.8930, 39.4928, 26.4038



81.3250, 3.7838, -0.2850



19.8340, 65.6508, -10.3784



3.2630, 11.2093, -1.9847

Previews

White Background



This preview shows how the YUV color 163.5520, -47.6001, 7.4089 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 163.5520, -47.6001, 7.4089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

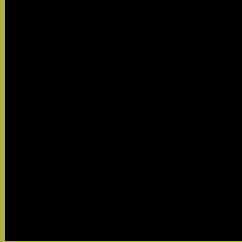
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 163.5520, -47.6001, 7.4089

Background



This preview shows how black text looks on a background with the YUV color 163.5520, -47.6001, 7.4089.



This preview shows how white text looks on a background with the YUV color 163.5520, -47.6001,

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

163.5520, -47.6001, 7.4089

Protanopia

165.4830, -49.5381, 22.3784

Deuteranopia

167.5760, -47.1190, 39.8368



Tritanopia

173.2660, 3.3199, 8.5367

Trichromacy



Original Color

163.5520, -47.6001, 7.4089

Protanomaly

164.6780, -48.6483, 16.9454

Deuteranomaly

165.7980, -47.2284, 28.2412

Tritanomaly

169.7440, -15.1568, 8.1175

Monochromacy



Original Color

163.5520, -47.6001, 7.4089

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

163.8420, -17.1771, 2.7696

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.5520, -47.6001, 7.4089 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(172, 178, 67)` looks like.

```
.text, #text, p{  
    color:rgb(172, 178, 67)  
}
```

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(172, 178, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 178, 67) }
```

Border

The CSS property to change the border of an element to YUV 163.5520, -47.6001, 7.4089 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(172, 178, 67) }
```


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

```
.border{ border-color:rgb(172, 178, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 178, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 178, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 178, 67);  
box-shadow:4px 4px 4px 4px rgb(172, 178,  
67) }
```

Background

The CSS property to change the background color of an element to YUV 163.5520, -47.6001, 7.4089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 178, 67) }
```

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

```
.background{ background-color: rgb(172,  
178, 67) }
```

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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