

Converting Colors

YUV(164.4850, -25.8751,
-7.4413)

Have a look what the booklet for
YUV(164.4850, -25.8751, -7.4413)
contains.

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Color

**YUV(164.4850, -25.8751,
-7.4413)**

Conversions

Conversions Part 1

Format	Color
Hex	9CB370
RGB	156, 179, 112
RGB Percent	61%, 70%, 44%
CMY	0.3882, 0.2980, 0.5608
CMYK	0.13, 0.00, 0.37, 0.30
HSL	81°, 31%, 57%
HSV	81°, 37%, 70%
XYZ	32.7550, 40.4780, 21.4159
YIQ	164.4850, 7.7990, -25.7130

Conversions

Conversions Part 2

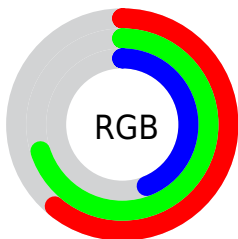
Format	Color
RYB	112, 179, 135
Decimal	10269552
CIELab	69.81, -19.31, 31.63
CIElCh	70, 37.065, 121.407
Yxy	40.4780, 0.3461, 0.4277
Android (android.graphics.Color)	4288459632 (0xFF9CB370)
YUV	164.4850, -25.8751, -7.4413
Hunter-Lab	63.6223, -19.4409, 24.5780

Details

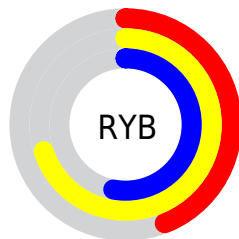
The YUV color **164.4850, -25.8751, -7.4413** is a light color, and the websafe version is hex **999966**. A complement of this color would be **126.5150, 25.8751, 7.4413**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.8440, -27.0381, -7.7562**, and **112.2400, -24.2753, -7.2265** is the 20% darker color. If you saturate the color by 10%, you get **160.6390, -32.8530, -9.3304**, and if you desaturate by 10%, it is **168.3310, -18.8972, -5.5523**.

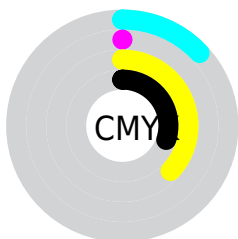
Distribution



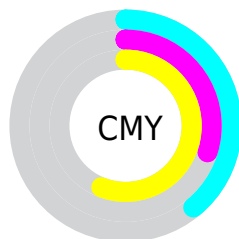
- Red (61%)
- Green (70%)
- Blue (44%)



- Red (44%)
- Yellow (70%)
- Blue (53%)



- Cyan (13%)
- Magenta (0%)
- Yellow (37%)
- Black (30%)



- Cyan (39%)
- Magenta (30%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.4850, -25.8751, -7.4413 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 164.4850, -25.8751, -7.4413 by changing the saturation by 10% instead.

■ 164.4850,
-25.8751, -7.4413

■ 164.4850,
-25.8751, -7.4413

■ 255.0000, 0.0000,
0.0000

■ 137.7130,
-25.0015, -7.6413

■ 219.8440,
-27.0381, -7.7562

■ 112.2400,
-24.2753, -7.2265

■ 243.3330,
-25.3072, -2.9230

■ 87.3540, -23.8385,
-7.3265

■ 251.0100,
-15.2879, 3.4992

■ 63.1690, -23.2543,
-8.0412

■ 254.3160, -2.6208,
0.5999

■ 41.2660, -20.3441,
-8.1263

■ 20.5670, -10.1395,
-14.5293

■ 0.0000, 0.0000,

0.0000

■ 164.4850,
-25.8751, -7.4413

■ 164.4850,
-25.8751, -7.4413

■ 160.6390,
-32.8530, -9.3304

■ 168.3310,
-18.8972, -5.5523

■ 156.7930,
-39.8309, -11.2195

■ 172.1770,
-11.9193, -3.6632

■ 152.9470,
-46.8089, -13.1085

■ 176.0230, -4.9413,
-1.7742

■ 148.8020,
-53.6394, -15.6124

■ 180.1680, 1.8892,
0.7297

■ 145.0700,
-60.1805, -17.6014

■ 184.0140, 8.8671,
2.6187

■ 141.2240,
-67.1584, -19.4904

■ 187.7460, 15.4082,
4.6078

■ 140.3550,
-69.1950, -19.6053

■ 191.5920, 22.3861,
6.4968

■ 195.4380, 29.3641,
8.3859

■ 197.2320, 28.4796,
12.0745

Harmonies

Analogous

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



168.0540, -32.0716, 20.1236



164.4850, -25.8751, -7.4413



159.4840, -11.0846, -38.1355

Triad

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



164.4850, -25.8751, -7.4413



153.2610, 37.3393, -76.5279



173.8740, -1.9099, 52.7305

Complementary

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



164.4850, -25.8751, -7.4413



126.5150, 25.8751, 7.4413

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.



175.1780, 13.7162, 34.0469



164.4850, -25.8751, -7.4413



165.9440, 35.0306, -35.9079

Square

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



164.4850, -25.8751, -7.4413



142.8810, 30.1317, -98.1196



173.4220, 26.9070, 3.1379



172.7590, -17.6292, 54.5854

Rectangle

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



164.4850, -25.8751, -7.4413



154.1960, 2.3684, -59.8079



173.4220, 26.9070, 3.1379



174.6330, 3.6319, 48.5569

Sweetspot

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



164.4850, -25.8751, -7.4413



226.4590, -9.5933, -3.0335



144.9470, -16.2429, 29.8645



113.7950, -5.8149, -1.5742



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.



164.4850, -25.8751, -7.4413



209.3800, -40.1203, -11.7343



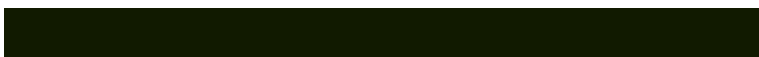
154.6180, -21.0107, -27.7290



87.0770, -3.4890, -0.9445



119.7110, -59.0175, -17.2865



20.3450, -10.0301, -2.9336

Inverse Universe

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



126.5150, 25.8751, 7.4413



150.3210, 40.2677, 11.1195



136.3820, 21.0107, 27.7290



81.9230, 3.4890, 0.9445



33.2890, 59.0175, 17.2865



5.6550, 10.0301, 2.9336

Previews

White Background



This preview shows how the YUV color 164.4850, -25.8751, -7.4413 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 164.4850, -25.8751, -7.4413 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 164.4850, -25.8751, -7.4413

Background



This preview shows how black text looks on a background with the YUV color 164.4850, -25.8751, -7.4413.



This preview shows how white text looks on a background with the YUV color 164.4850, -25.8751, -7.4413.

-7.4413.

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

164.4850, -25.8751, -7.4413

Protanopia

167.5310, -28.8558, 15.3203

Deuteranopia

169.9010, -26.5732, 29.9048



Tritanopia

170.4000, 6.7048, -3.8588

Trichromacy



Original Color

164.4850, -25.8751, -7.4413

Protanomaly

166.1170, -27.6657, 6.9134

Deuteranomaly

168.2260, -26.2404, 16.4648

Tritanomaly

168.0010, -4.9305, -5.2629

Monochromacy



Original Color

164.4850, -25.8751, -7.4413

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

163.8720, -9.3039, -2.5187

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.4850, -25.8751, -7.4413 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(156, 179, 112)` looks like.

```
.text, #text, p{  
    color:rgb(156, 179, 112)  
}
```

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(156, 179, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 179, 112) }
```

Border

The CSS property to change the border of an element to YUV 164.4850, -25.8751, -7.4413 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(156, 179, 112) }
```


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

```
.border{ border-color:rgb(156, 179, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 179, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 179, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 179, 112);  
box-shadow:4px 4px 4px 4px rgb(156, 179,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 164.4850, -25.8751, -7.4413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 179, 112) }
```

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

```
.background{ background-color: rgb(156,  
179, 112) }
```

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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