

Converting Colors

YUV(161.0920, -49.8384,
25.3523)

Have a look what the booklet for
YUV(161.0920, -49.8384, 25.3523)
contains.

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Color

**YUV(161.0920, -49.8384,
25.3523)**

Conversions

Conversions Part 1	
Format	Color
Hex	BEA63C
RGB	190, 166, 60
RGB Percent	75%, 65%, 24%
CMY	0.2549, 0.3490, 0.7647
CMYK	0.00, 0.13, 0.68, 0.25
HSL	49°, 52%, 49%
HSV	49°, 68%, 75%
XYZ	35.6870, 38.5458, 9.8341
YIQ	161.0920, 48.3300, -27.8780

Conversions

Conversions Part 2

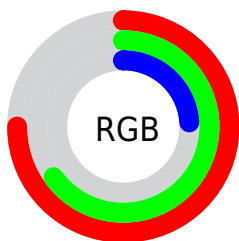
Format	Color
RYB	89, 190, 60
Decimal	12494396
CIELab	68.42, -3.17, 55.82
CIELCh	68, 55.910, 93.252
Yxy	38.5458, 0.4245, 0.4585
Android (android.graphics.Color)	4290684476 (0xFFBEA63C)
YUV	161.0920, -49.8384, 25.3523
Hunter-Lab	62.0853, -6.0463, 34.0683

Details

The YUV color **161.0920, -49.8384, 25.3523** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **88.9080, 49.8384, -25.3523**, and the grayscale version is **162.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.0600, -51.3016, 28.0114**, and **106.6850, -52.5957, 23.0783** is the 20% darker color. If you saturate the color by 10%, you get **156.5780, -56.9800, 29.3111**, and if you desaturate by 10%, it is **165.6060, -42.6968, 21.3935**.

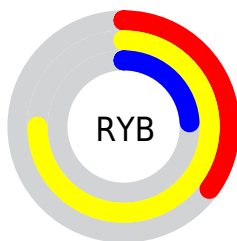
Distribution



Red (75%)

Green (65%)

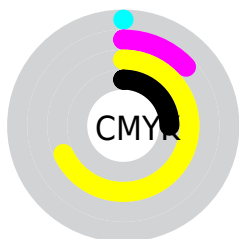
Blue (24%)



Red (35%)

Yellow (75%)

Blue (24%)

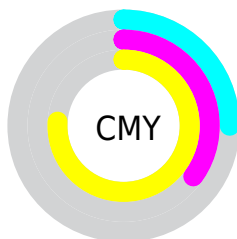


Cyan (0%)

Magenta (13%)

Yellow (68%)

Black (25%)



Cyan (25%)


Magenta (35%)


Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the YUV color 161.0920, -49.8384, 25.3523 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 161.0920, -49.8384, 25.3523 by changing the saturation by 10% instead.


 161.0920,
-49.8384, 25.3523


 161.0920,
-49.8384, 25.3523


255.0000, 0.0000,
0.0000

 133.9670,
-50.2697, 23.7079


 217.0600,
-51.3016, 28.0114


 106.6850,
-52.5957, 23.0783


 238.3680,
-48.4954, 14.5863


 84.5240, -41.6703,
18.8345


 244.9680,
-38.4382, 8.7981

 62.9500, -31.0343,
14.0758

 248.1600,
-26.2079, 5.9987

 42.2620, -20.8352,
9.4172

 251.4660,
-13.5407, 3.0993

 23.0470, -11.3622,
4.3438

254.7720, -0.8736,


 0.0000, 0.0000,


0.2000


0.0000


 161.0920,
-49.8384, 25.3523


 161.0920,
-49.8384, 25.3523


 156.5780,
-56.9800, 29.3111

 165.6060,
-42.6968, 21.3935


 152.6510,
-64.4109, 32.7551

 169.5330,
-35.2658, 17.9496

 148.1370,
-71.5525, 36.7139

 174.0470,
-28.1242, 13.9908

 147.7950,
-72.8629, 37.0138

 177.9740,
-20.6932, 10.5468

 182.4880,
-13.5516, 6.5880

 186.4150, -6.1206,
3.1440

■ 190.9290, 1.0210,
-0.8147

■ 194.8560, 8.4520,
-4.2587

■ 199.3700, 15.5936,
-8.2175

Harmonies

Analogous

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



164.6090, -43.6842, 58.2249



161.0920, -49.8384, 25.3523



155.8140, -38.3623, -15.6229

Triad

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



161.0920, -49.8384, 25.3523



137.3110, 41.2587, -120.4217



171.4330, 20.4925, 53.9943

Complementary

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



161.0920, -49.8384, 25.3523



88.9080, 49.8384, -25.3523

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.



170.2880, 40.2840, 5.8864



161.0920, -49.8384, 25.3523



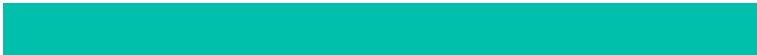
137.0780, 58.1355, -120.2174

Square

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



161.0920, -49.8384, 25.3523



132.1980, 19.1294, -115.9376



152.1710, 50.6947, -66.8020



166.4410, -1.6964, 77.6662

Rectangle

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



161.0920, -49.8384, 25.3523



149.1440, -22.2560, -48.3613



152.1710, 50.6947, -66.8020



172.1800, 27.5193, 40.1841

Sweetspot

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



161.0920, -49.8384, 25.3523



235.7890, -20.1090, 9.8320



101.8340, -7.8062, 77.3216



117.9440, -11.8044, 6.1881



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



161.0920, -49.8384, 25.3523



202.2530, -77.5257, 39.2431



163.5190, -51.0349, -10.9792



92.3870, -3.6418, 1.4146



122.9650, -60.6217, 30.7257



23.9440, -11.8044, 6.1881

Inverse Universe

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



88.9080, 49.8384, -25.3523



89.7470, 77.5257, -39.2431



86.4810, 51.0349, 10.9792



87.2000, 3.3524, -1.9294



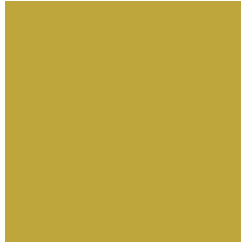
35.0350, 60.6217, -30.7257



7.0560, 11.8044, -6.1881

Previews

White Background



This preview shows how the YUV color 161.0920, -49.8384, 25.3523 looks on a white background.

Color Contrast Check

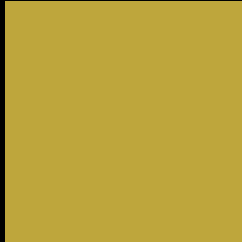
Large Text (above 18pt) WCAG AA × Fail

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 161.0920, -49.8384, 25.3523 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 161.0920, -49.8384, 25.3523

Background



This preview shows how black text looks on a background with the YUV color 161.0920, -49.8384, 25.3523.

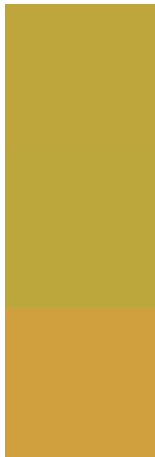


This preview shows how white text looks on a background with the YUV color 161.0920, -49.8384,

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

161.0920, -49.8384, 25.3523

Protanopia

160.7820, -49.6855, 22.9932

Deuteranopia

162.5930, -49.5923, 39.8219



Tritanopia

169.5240, -1.2443, 25.8505

Trichromacy



Original Color
161.0920, -49.8384, 25.3523

Protanomaly
161.0810, -49.8329, 23.6080

Deuteranomaly
162.1470, -49.8655, 34.0741

Tritanomaly
166.5290, -18.9948, 25.8461

Monochromacy



Original Color
161.0920, -49.8384, 25.3523

Achromatopsia
161.0000, 0.0000, 0.0000

Achromatomaly
161.2450, -18.3618, 9.4321

CSS Examples

Text

The CSS property to change the color of the text to YUV 161.0920, -49.8384, 25.3523 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(190, 166, 60)` looks like.

```
.text, #text, p{  
    color:rgb(190, 166, 60)  
}
```

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(190, 166, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 166, 60) }
```

Border

The CSS property to change the border of an element to YUV 161.0920, -49.8384, 25.3523 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(190, 166, 60) }
```


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

```
.border{ border-color:rgb(190, 166, 60) }
```

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

Here you see how a box with a 4 pixel rgb(190, 166, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 166, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 166, 60);  
box-shadow:4px 4px 4px 4px rgb(190, 166,  
60) }
```

Background

The CSS property to change the background color of an element to YUV 161.0920, -49.8384, 25.3523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 166, 60) }
```

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

```
.background{ background-color: rgb(190,  
166, 60) }
```

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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