

Converting Colors

YUV(167.7520, -20.5837,
22.1425)

Have a look what the booklet for
YUV(167.7520, -20.5837, 22.1425)
contains.

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Color

**YUV(167.7520, -20.5837,
22.1425)**

Conversions

Conversions Part 1

Format	Color
Hex	C1A37E
RGB	193, 163, 126
RGB Percent	76%, 64%, 49%
CMY	0.2431, 0.3608, 0.5059
CMYK	0.00, 0.16, 0.35, 0.24
HSL	33°, 35%, 63%
HSV	33°, 35%, 76%
XYZ	38.8554, 39.0382, 25.2259
YIQ	167.7520, 29.7570, -5.1470

Conversions

Conversions Part 2

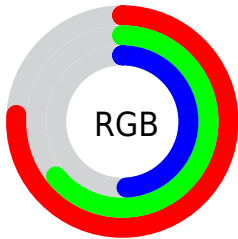
Format	Color
RYB	180, 193, 126
Decimal	12690302
CIELab	68.78, 5.66, 23.33
CIElCh	69, 24.011, 76.367
Yxy	39.0382, 0.3768, 0.3786
Android (android.graphics.Color)	4290880382 (0xFFC1A37E)
YUV	167.7520, -20.5837, 22.1425
Hunter-Lab	62.4806, 1.6646, 19.7987

Details

The YUV color $167.7520, -20.5837, 22.1425$ is a light color, and the websafe version is hex $CC9966$. A complement of this color would be $151.2480, 20.5837, -22.1425$, and the grayscale version is $168.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $223.1220, -21.7521, 23.5720$, and $115.1970, -18.8311, 19.9982$ is the 20% darker color. If you saturate the color by 10%, you get $160.3030, -26.2784, 28.6753$, and if you desaturate by 10%, it is $175.2010, -14.8891, 15.6097$.

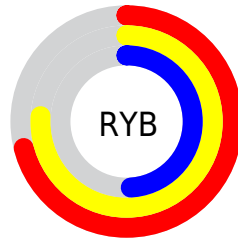
Distribution



Red (76%)

Green (64%)

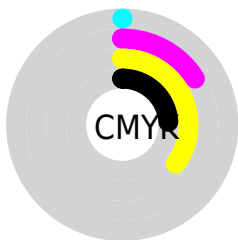
Blue (49%)



Red (71%)

Yellow (76%)

Blue (49%)

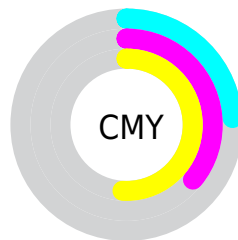


Cyan (0%)

Magenta (16%)

Yellow (35%)

Black (24%)



Cyan (24%)

Magenta (36%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.7520, -20.5837, 22.1425 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 167.7520, -20.5837, 22.1425 by changing the saturation by 10% instead.

■ 167.7520,
-20.5837, 22.1425

■ 167.7520,
-20.5837, 22.1425

■ 255.0000, 0.0000,
0.0000

■ 141.2680,
-19.8521, 20.8130

■ 223.1220,
-21.7521, 23.5720

■ 115.1970,
-18.8311, 19.9982

■ 244.2450,
-18.3618, 9.4321

■ 90.5990, -18.5363,
18.7687

■ 252.7200, -8.7360,
1.9996

■ 67.2290, -17.3679,
17.3392

■ 44.2180, -17.3625,
15.5948

■ 24.5750, -12.1155,
12.6507

■ 0.2990, -0.1474,

0.6148

■ 0.0000, 0.0000,
0.0000

■ 167.7520,
-20.5837, 22.1425

■ 167.7520,
-20.5837, 22.1425

■ 160.3030,
-26.2784, 28.6753

■ 175.2010,
-14.8891, 15.6097

■ 153.3270,
-32.6992, 34.7932

■ 182.1770, -8.4683,
9.4918

■ 145.8780,
-38.3939, 41.3260

■ 189.6260, -2.7736,
2.9590

■ 138.4290,
-44.0885, 47.8588

■ 197.0750, 2.9210,
-3.5738

■ 131.5670,
-50.0725, 53.8767

■ 204.0510, 9.3419,
-9.6917

■ 124.0040,
-56.2040, 60.5095

■ 211.5000, 15.0365,
-16.2245

■ 120.5160,
-59.4144, 63.5685

■ 217.6780, 18.3997,
-21.6426

■ 222.9610, 15.7952,
-26.2758

■ 228.2440, 13.1907,
-30.9090

Harmonies

Analogous

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



169.3820, -15.9643, 33.8680



167.7520, -20.5837, 22.1425



165.5820, -19.5139, 5.6286

Triad

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



167.7520, -20.5837, 22.1425



158.0590, 10.3239, -44.7787



170.9320, 13.3445, 13.2146

Complementary

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



167.7520, -20.5837, 22.1425



151.2480, 20.5837, -22.1425

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.



168.5100, 19.9616, -9.2173



167.7520, -20.5837, 22.1425



159.3500, 19.0545, -45.0339

Square

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



167.7520, -20.5837, 22.1425



159.7480, -1.3548, -32.2280



163.6490, 22.3580, -31.2642



171.5120, 3.6916, 29.3690

Rectangle

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



167.7520, -20.5837, 22.1425



163.5310, -15.5448, -7.4817



163.6490, 22.3580, -31.2642



170.5720, 15.9870, 5.6374

Sweetspot

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



167.7520, -20.5837, 22.1425



240.6930, -7.7366, 8.1622



149.4530, 3.2277, 38.1907



119.1810, -4.5262, 5.1033



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.



167.7520, -20.5837, 22.1425



210.4410, -32.2624, 34.6932



184.4650, -28.8232, 4.8542



93.5120, -3.2104, 3.0590



100.3820, -49.4883, 53.1620



20.4330, -10.0735, 11.0213

Inverse Universe

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



151.2480, 20.5837, -22.1425



184.5590, 32.2624, -34.6932



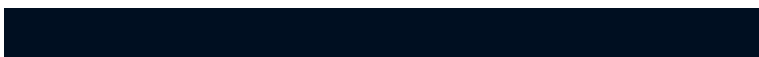
134.5350, 28.8232, -4.8542



91.0750, 2.9210, -3.5738



60.6180, 49.4883, -53.1620



12.5670, 10.0735, -11.0213

Previews

White Background



This preview shows how the YUV color 167.7520, -20.5837, 22.1425 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 167.7520, -20.5837, 22.1425 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 167.7520, -20.5837, 22.1425

Background



This preview shows how black text looks on a background with the YUV color 167.7520, -20.5837, 22.1425.



This preview shows how white text looks on a background with the YUV color 167.7520, -20.5837, 22.1425.

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

167.7520, -20.5837, 22.1425

Protanopia

167.0280, -19.2408, 11.3764

Deuteranopia

168.0730, -20.7420, 26.2460



Tritanopia

170.6270, -0.8021, 24.0061

Trichromacy



Original Color

167.7520, -20.5837, 22.1425

Protanomaly

167.2350, -19.8359, 15.5799

Deuteranomaly

168.0620, -20.7366, 24.5016

Tritanomaly

169.3790, -8.0748, 23.3466

Monochromacy



Original Color

167.7520, -20.5837, 22.1425

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

167.8070, -7.2999, 8.0623

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.7520, -20.5837, 22.1425 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(193, 163, 126)` looks like.

```
.text, #text, p{  
    color:rgb(193, 163, 126)  
}
```

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(193, 163, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 163, 126) }
```

Border

The CSS property to change the border of an element to YUV 167.7520, -20.5837, 22.1425 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(193, 163, 126) }
```


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

```
.border{ border-color:rgb(193, 163, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 163, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 163, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 163, 126);  
box-shadow:4px 4px 4px 4px rgb(193, 163,  
126) }
```

Background

The CSS property to change the background color of an element to YUV 167.7520, -20.5837, 22.1425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 163, 126) }
```

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

```
.background{ background-color: rgb(193,  
163, 126) }
```

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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