

Converting Colors

YUV(170.0730, -20.7420,
26.2460)

Have a look what the booklet for
YUV(170.0730, -20.7420, 26.2460)
contains.

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Color

**YUV(170.0730, -20.7420,
26.2460)**

Conversions

Conversions Part 1

Format	Color
Hex	C8A380
RGB	200, 163, 128
RGB Percent	78%, 64%, 50%
CMY	0.2157, 0.3608, 0.4980
CMYK	0.00, 0.19, 0.36, 0.22
HSL	29°, 40%, 64%
HSV	29°, 36%, 78%
XYZ	40.8129, 40.0323, 25.9980
YIQ	170.0730, 33.2870, -3.0410

Conversions

Conversions Part 2

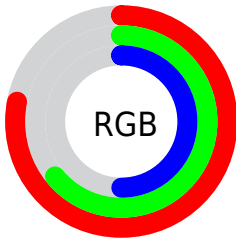
Format	Color
R_{YB}	200, 196, 128
Decimal	13149056
CIE _{Lab}	69.49, 8.71, 23.32
CIE _{LCh}	69, 24.899, 69.515
Yxy	40.0323, 0.3820, 0.3747
Android (android.graphics.Color)	4291339136 (0xFFC8A380)
YUV	170.0730, -20.7420, 26.2460
Hunter-Lab	63.2711, 4.4168, 19.9275

Details

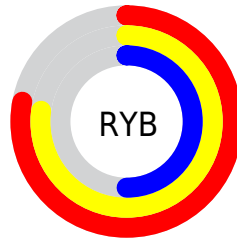
The YUV color **170.0730, -20.7420, 26.2460** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **157.9270, 20.7420, -26.2460**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.8450, -21.6156, 26.4459**, and **117.5180, -18.9894, 24.1017** is the 20% darker color. If you saturate the color by 10%, you get **161.9230, -26.5840, 33.3935**, and if you desaturate by 10%, it is **178.2230, -14.8999, 19.0984**.

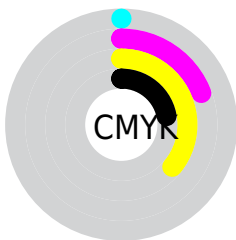
Distribution



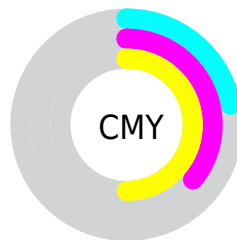
- Red (78%)
- Green (64%)
- Blue (50%)



- Red (78%)
- Yellow (77%)
- Blue (50%)



- Cyan (0%)
- Magenta (19%)
- Yellow (36%)
- Black (22%)



- Cyan (22%)
- Magenta (36%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.0730, -20.7420, 26.2460 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 170.0730, -20.7420, 26.2460 by changing the saturation by 10% instead.

■ 170.0730,
-20.7420, 26.2460

■ 170.0730,
-20.7420, 26.2460

255.0000, 0.0000,
0.0000

■ 143.5890,
-20.0104, 24.9164

■ 224.8450,
-21.6156, 26.4459

■ 117.5180,
-18.9894, 24.1017

■ 244.4730,
-17.4882, 9.2322

■ 92.6210, -18.5472,
22.2574

■ 252.9480, -7.8624,
1.7996

■ 68.8380, -17.6681,
20.3131

■ 46.0550, -16.7891,
18.3688

■ 25.4830, -12.5631,
16.2394

■ 4.7840, -2.3585,

9.8364

■ 0.0000, 0.0000,
0.0000

■ 170.0730,
-20.7420, 26.2460

■ 170.0730,
-20.7420, 26.2460

■ 161.9230,
-26.5840, 33.3935

■ 178.2230,
-14.8999, 19.0984

■ 153.1860,
-32.1367, 41.0559

■ 186.9600, -9.3473,
11.4361

■ 145.0360,
-37.9787, 48.2034

■ 195.1100, -3.5052,
4.2885

■ 136.8860,
-43.8208, 55.3510

■ 203.2600, 2.3368,
-2.8590

■ 128.7360,
-49.6628, 62.4985

■ 211.4100, 8.1789,
-10.0066

■ 119.9990,
-55.2155, 70.1609

■ 220.1470, 13.7315,
-17.6689

■ 116.7390,
-57.5523, 73.0199

■ 226.8150, 13.8952,
-23.5168

■ 232.6850, 11.0013,
-28.6647

■ 238.5550, 8.1074,
-33.8127

Harmonies

Analogous

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



171.4470, -14.5174, 36.4420



170.0730, -20.7420, 26.2460



168.1480, -21.2720, 9.5172

Triad

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



170.0730, -20.7420, 26.2460



159.7770, 7.9979, -45.4084



172.2950, 16.1236, 8.5113

Complementary

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



170.0730, -20.7420, 26.2460



157.9270, 20.7420, -26.2460

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.



169.0470, 22.1618, -14.9502



170.0730, -20.7420, 26.2460



159.9150, 18.7759, -49.0375

Square

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



170.0730, -20.7420, 26.2460



161.9610, -4.4178, -29.7838



163.8440, 23.2479, -36.6972



173.4840, 6.1704, 27.6395

Rectangle

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



170.0730, -20.7420, 26.2460



165.9830, -17.7396, -3.4931



163.8440, 23.2479, -36.6972



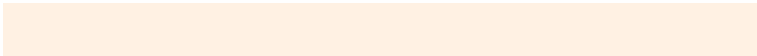
171.8210, 18.3292, 1.0340

Sweetspot

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



170.0730, -20.7420, 26.2460



243.5900, -8.1789, 10.0066



153.7460, 5.5482, 40.5648



120.7790, -4.8210, 6.3328



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



170.0730, -20.7420, 26.2460



209.5880, -31.8419, 39.8263



191.2050, -31.1601, 7.7132



95.0390, -2.4842, 3.4738



95.1100, -46.8892, 59.5395



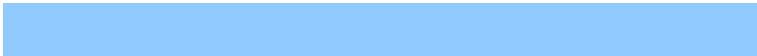
20.7430, -10.2263, 13.3804

Inverse Universe

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



157.9270, 20.7420, -26.2460



190.9990, 31.5525, -40.3411



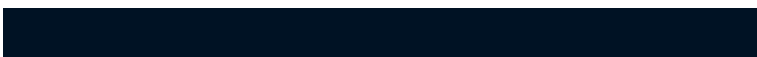
136.7950, 31.1601, -7.7132



93.9610, 2.4842, -3.4738



67.8900, 46.8892, -59.5395



14.6700, 10.5157, -12.8656

Previews

White Background



This preview shows how the YUV color 170.0730, -20.7420, 26.2460 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 170.0730, -20.7420, 26.2460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

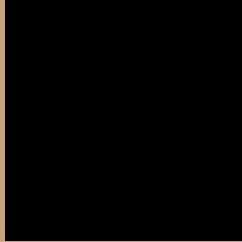
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 170.0730, -20.7420, 26.2460

Background



This preview shows how black text looks on a background with the YUV color 170.0730, -20.7420, 26.2460.



This preview shows how white text looks on a background with the YUV color 170.0730, -20.7420, 26.2460.

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

170.0730, -20.7420, 26.2460

Protanopia

168.8430, -18.6566, 10.6617

Deuteranopia

170.0730, -20.7420, 26.2460



Tritanopia

172.5350, -1.2498, 27.5948

Trichromacy



Original Color

170.0730, -20.7420, 26.2460

Protanomaly

169.0610, -19.2571, 16.6095

Deuteranomaly

170.0730, -20.7420, 26.2460

Tritanomaly

171.7000, -8.2331, 27.4501

Monochromacy



Original Color

170.0730, -20.7420, 26.2460

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

169.8180, -7.3053, 9.8066

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.0730, -20.7420, 26.2460 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(200, 163, 128)` looks like.

```
.text, #text, p{  
    color:rgb(200, 163, 128)  
}
```

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(200, 163, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 163, 128) }
```

Border

The CSS property to change the border of an element to YUV 170.0730, -20.7420, 26.2460 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(200, 163, 128) }
```


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

```
.border{ border-color:rgb(200, 163, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 163, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 163, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 163, 128);  
box-shadow:4px 4px 4px 4px rgb(200, 163,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 170.0730, -20.7420, 26.2460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 163, 128) }
```

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

```
.background{ background-color: rgb(200,  
163, 128) }
```

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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