

Converting Colors

YUV(162.8220, -20.1252,
15.0651)

Have a look what the booklet for
YUV(162.8220, -20.1252, 15.0651)
contains.

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Color

**YUV(162.8220, -20.1252,
15.0651)**

Conversions

Conversions Part 1

Format	Color
Hex	B4A27A
RGB	180, 162, 122
RGB Percent	71%, 64%, 48%
CMY	0.2941, 0.3647, 0.5216
CMYK	0.00, 0.10, 0.32, 0.29
HSL	41°, 28%, 59%
HSV	41°, 32%, 71%
XYZ	35.2556, 36.9491, 23.6861
YIQ	162.8220, 23.5680, -8.6240

Conversions

Conversions Part 2

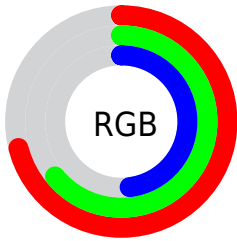
Format	Color
R_{YB}	148, 180, 122
Decimal	11838074
CIE _{Lab}	67.24, 0.46, 23.23
CIE _{LCh}	67, 23.236, 88.855
Yxy	36.9491, 0.3677, 0.3853
Android (android.graphics.Color)	4290028154 (0xFFB4A27A)
YUV	162.8220, -20.1252, 15.0651
Hunter-Lab	60.7858, -2.8456, 19.4468

Details

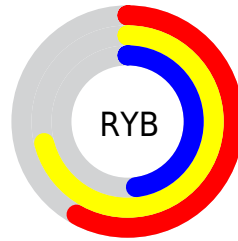
The YUV color **162.8220, -20.1252, 15.0651** is a light color, and the websafe version is hex **999966**. A complement of this color would be **139.1780, 20.1252, -15.0651**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.1920, -21.2937, 16.4946**, and **111.1530, -18.8094, 13.0208** is the 20% darker color. If you saturate the color by 10%, you get **157.2480, -26.2513, 19.9535**, and if you desaturate by 10%, it is **168.3960, -13.9992, 10.1767**.

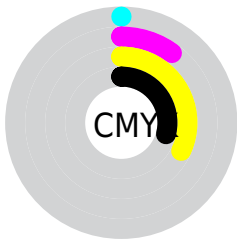
Distribution



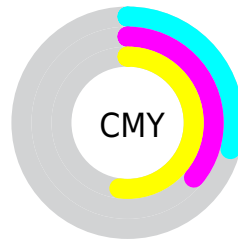
- Red (71%)
- Green (64%)
- Blue (48%)



- Red (58%)
- Yellow (71%)
- Blue (48%)



- Cyan (0%)
- Magenta (10%)
- Yellow (32%)
- Black (29%)



- Cyan (29%)
- Magenta (36%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 162.8220, -20.1252, 15.0651 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 162.8220, -20.1252, 15.0651 by changing the saturation by 10% instead.

■ 162.8220,
-20.1252, 15.0651

■ 162.8220,
-20.1252, 15.0651

255.0000, 0.0000,
0.0000

■ 136.6370,
-19.5410, 14.3504

■ 218.1920,
-21.2937, 16.4946

■ 111.1530,
-18.8094, 13.0208

■ 243.0880,
-20.2564, 10.4468

■ 86.3810, -17.9358,
12.8209

■ 252.1500,
-10.9200, 2.4994

■ 62.8970, -17.2042,
11.4913

■ 40.0710, -17.7830,
10.4617

■ 21.2970, -10.4994,
7.6325

■ 0.0000, 0.0000,

0.0000

■ 162.8220,
-20.1252, 15.0651

■ 162.8220,
-20.1252, 15.0651

■ 157.2480,
-26.2513, 19.9535

■ 168.3960,
-13.9992, 10.1767

■ 152.2610,
-32.6667, 24.3271

■ 173.3830, -7.5838,
5.8031

■ 146.6870,
-38.7927, 29.2155

■ 178.9570, -1.4578,
0.9147

■ 141.7000,
-45.2081, 33.5891

■ 183.9440, 4.9576,
-3.4589

■ 136.1260,
-51.3341, 38.4775

■ 189.5180, 11.0836,
-8.3473

■ 130.5520,
-57.4601, 43.3659

■ 195.0920, 17.2096,
-13.2357

■ 126.6080,
-62.4177, 46.8248

■ 200.0790, 23.6251,
-17.6093

■ 204.3990, 24.9463,
-21.3979

■ 207.3340, 23.4993,
-23.9719

Harmonies

Analogous

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



164.5940, -17.5478, 28.4201



162.8220, -20.1252, 15.0651



160.9230, -16.7240, -2.5635

Triad

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



162.8220, -20.1252, 15.0651



154.3840, 14.1077, -45.0638



167.2380, 9.2497, 19.9623

Complementary

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



162.8220, -20.1252, 15.0651



139.1780, 20.1252, -15.0651

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.



165.7670, 16.8769, 0.2043



162.8220, -20.1252, 15.0651



157.1380, 20.6380, -39.5860

Square

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



162.8220, -20.1252, 15.0651



154.9800, 3.4609, -36.8165



161.7750, 21.3099, -21.7277



167.2690, -1.1186, 32.2131

Rectangle

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



162.8220, -20.1252, 15.0651



158.9260, -11.3025, -14.8441



161.7750, 21.3099, -21.7277



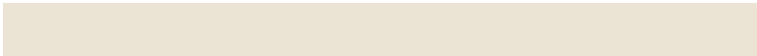
166.8890, 11.8867, 14.1293

Sweetspot

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



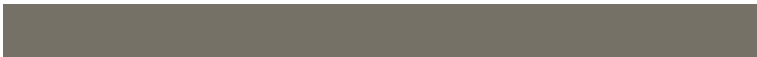
162.8220, -20.1252, 15.0651



227.5680, -8.1680, 6.5179



141.3940, -0.6872, 33.8575



113.0560, -4.9576, 3.4589



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.



162.8220, -20.1252, 15.0651



207.4890, -31.7931, 24.1271



170.0990, -23.7128, -0.9638



86.2130, -3.0630, 2.4442



107.9690, -53.2287, 39.4922



18.3400, -9.0416, 6.7178

Inverse Universe

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



139.1780, 20.1252, -15.0651



170.5110, 31.7931, -24.1271



131.9010, 23.7128, 0.9638



82.7870, 3.0630, -2.4442



45.0310, 53.2287, -39.4922



7.6600, 9.0416, -6.7178

Previews

White Background



This preview shows how the YUV color 162.8220, -20.1252, 15.0651 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 162.8220, -20.1252, 15.0651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

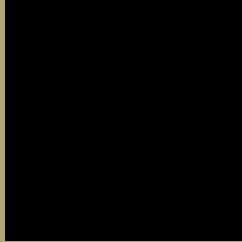
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

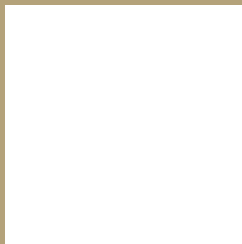
Any Text WCAG AAA ✓ Pass

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

YUV 162.8220, -20.1252, 15.0651 Background



This preview shows how black text looks on a background with the YUV color 162.8220, -20.1252, 15.0651.



This preview shows how white text looks on a background with the YUV color 162.8220, -20.1252, 15.0651.

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

162.8220, -20.1252, 15.0651

Protanopia

162.6150, -19.5302, 10.8616

Deuteranopia

163.8880, -20.1578, 25.5312



Tritanopia

166.0390, 0.9668, 16.6288

Trichromacy



Original Color

162.8220, -20.1252, 15.0651

Protanomaly

162.6260, -19.5356, 12.6060

Deuteranomaly

163.5670, -19.9995, 21.4277

Tritanomaly

164.6770, -6.7428, 16.0693

Monochromacy



Original Color

162.8220, -20.1252, 15.0651

Achromatopsia

163.0000, 0.0000, 0.0000

Achromatomaly

163.0840, -7.4364, 5.1883

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.8220, -20.1252, 15.0651 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(180, 162, 122)` looks like.

```
.text, #text, p{  
    color:rgb(180, 162, 122)  
}
```

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(180, 162, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 162, 122) }
```

Border

The CSS property to change the border of an element to YUV 162.8220, -20.1252, 15.0651 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(180, 162, 122) }
```


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

```
.border{ border-color:rgb(180, 162, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 162, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 162, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 162, 122);  
box-shadow:4px 4px 4px 4px rgb(180, 162,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 162.8220, -20.1252, 15.0651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 162, 122) }
```

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

```
.background{ background-color: rgb(180,  
162, 122) }
```

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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