

Converting Colors

YUV(168.6790, -13.1527,
18.6985)

Have a look what the booklet for
YUV(168.6790, -13.1527, 18.6985)
contains.

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Color

**YUV(168.6790, -13.1527,
18.6985)**

Conversions

Conversions Part 1

Format	Color
Hex	BEA38E
RGB	190, 163, 142
RGB Percent	75%, 64%, 56%
CMY	0.2549, 0.3608, 0.4431
CMYK	0.00, 0.14, 0.25, 0.25
HSL	26°, 27%, 65%
HSV	26°, 25%, 75%
XYZ	39.2149, 39.0945, 31.0703
YIQ	168.6790, 22.8330, -0.8070

Conversions

Conversions Part 2

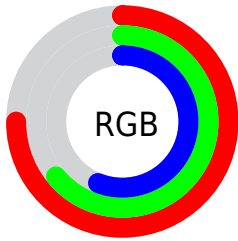
Format	Color
R _{YB}	190, 179, 142
Decimal	12493710
CIE _{Lab}	68.82, 6.62, 14.57
CIE _{LCh}	69, 16.005, 65.549
Y _{xy}	39.0945, 0.3585, 0.3574
Android (android.graphics.Color)	4290683790 (0xFFBEA38E)
YUV	168.6790, -13.1527, 18.6985
Hunter-Lab	62.5256, 2.5320, 14.3054

Details

The YUV color $168.6790, -13.1527, 18.6985$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $163.3210, 13.1527, -18.6985$, and the grayscale version is $169.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $224.1630, -13.8844, 20.0280$, and $116.3090, -11.9843, 17.2690$ is the 20% darker color. If you saturate the color by 10%, you get $160.0560, -18.2686, 26.2609$, and if you desaturate by 10%, it is $177.3020, -8.0369, 11.1361$.

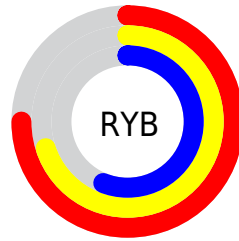
Distribution



Red (75%)

Green (64%)

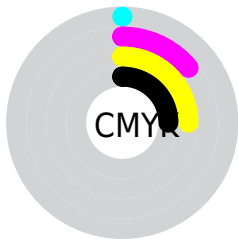
Blue (56%)



Red (75%)

Yellow (70%)

Blue (56%)

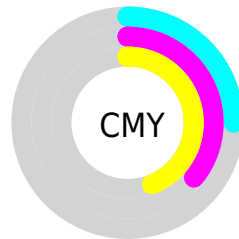


Cyan (0%)

Magenta (14%)

Yellow (25%)

Black (25%)



Cyan (25%)

Magenta (36%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.6790, -13.1527, 18.6985 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 168.6790, -13.1527, 18.6985 by changing the saturation by 10% instead.

■ 168.6790,
-13.1527, 18.6985

■ 168.6790,
-13.1527, 18.6985

255.0000, 0.0000,
0.0000

■ 142.3800,
-13.0053, 18.0837

■ 224.1630,
-13.8844, 20.0280

■ 116.3090,
-11.9843, 17.2690

■ 246.1830,
-10.9362, 7.7325

■ 91.7110, -11.6895,
16.0395

■ 254.6580, -1.3104,
0.2999

■ 68.2270, -10.9579,
14.7099

■ 45.7430, -10.2263,
13.3804

■ 24.2870, -11.9735,
13.7803

■ 1.1960, -0.5896,

2.4591

■ 0.0000, 0.0000,
0.0000

■ 168.6790,
-13.1527, 18.6985

■ 168.6790,
-13.1527, 18.6985

■ 160.0560,
-18.2686, 26.2609

■ 177.3020, -8.0369,
11.1361

■ 152.0200,
-23.6739, 33.3085

■ 185.3380, -2.6316,
4.0886

■ 143.3970,
-28.7897, 40.8708

■ 193.9610, 2.4842,
-3.4738

■ 134.7740,
-33.9056, 48.4332

■ 202.5840, 7.6001,
-11.0362

■ 126.7380,
-39.3108, 55.4808

■ 210.6200, 13.0053,
-18.0837

■ 118.1150,
-44.4267, 63.0431

■ 219.1290, 17.6844,
-25.5461

■ 109.4920,
-49.5426, 70.6055

■ 225.5860, 14.5011,
-31.2089

■ 105.5310,
-52.0268, 74.0793

■ 232.0430, 11.3178,
-36.8717

■ 235.5650, 9.5815,
-39.9605

Harmonies

Analogous

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



169.8630, -8.8065, 24.6761



168.6790, -13.1527, 18.6985



167.3850, -13.9938, 8.4324

Triad

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



168.6790, -13.1527, 18.6985



162.4590, 3.7177, -25.8355



169.4810, 10.6089, 3.9632

Complementary

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



168.6790, -13.1527, 18.6985



163.3210, 13.1527, -18.6985

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.



167.3050, 14.1466, -10.7915



168.6790, -13.1527, 18.6985



163.1580, 10.2751, -29.0796

Square

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



168.6790, -13.1527, 18.6985



163.4510, -4.1663, -17.0585



165.2280, 14.1846, -23.0020



170.3640, 4.7505, 16.3438

Rectangle

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



168.6790, -13.1527, 18.6985



166.1990, -11.9301, -0.1745



165.2280, 14.1846, -23.0020



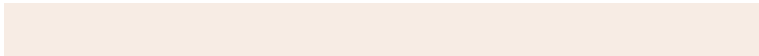
169.2030, 12.2249, -1.0550

Sweetspot

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



168.6790, -13.1527, 18.6985



238.3770, -5.1159, 7.5624



159.4300, 4.7180, 26.8099



119.4090, -3.6526, 4.9033



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.



168.6790, -13.1527, 18.6985



214.4970, -20.4580, 28.5051



182.7670, -20.0981, 6.3433



90.0390, -2.4842, 3.4738



87.7450, -43.2583, 61.6136



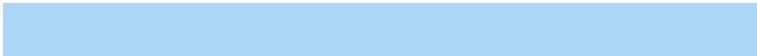
16.9000, -8.3317, 12.3657

Inverse Universe

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



163.3210, 13.1527, -18.6985



206.0900, 20.1686, -29.0199



149.2330, 20.0981, -6.3433



88.9610, 2.4842, -3.4738



70.2550, 43.2583, -61.6136



13.5130, 8.6211, -11.8509

Previews

White Background



This preview shows how the YUV color 168.6790, -13.1527, 18.6985 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 168.6790, -13.1527, 18.6985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

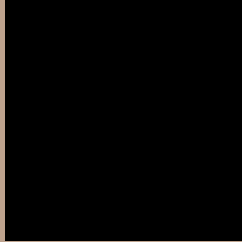
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 168.6790, -13.1527, 18.6985

Background



This preview shows how black text looks on a background with the YUV color 168.6790, -13.1527, 18.6985.



This preview shows how white text looks on a background with the YUV color 168.6790, -13.1527, 18.6985.

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

168.6790, -13.1527, 18.6985

Protanopia

167.6560, -11.6624, 7.3177

Deuteranopia

168.9890, -13.3056, 21.0576



Tritanopia

170.5340, 0.2297, 19.7027

Trichromacy



Original Color

168.6790, -13.1527, 18.6985

Protanomaly

167.8630, -12.2575, 11.5211

Deuteranomaly

168.6900, -13.1582, 20.4429

Tritanomaly

169.5680, -4.7170, 19.6729

Monochromacy



Original Color

168.6790, -13.1527, 18.6985

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

169.0780, -4.9685, 6.9476

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.6790, -13.1527, 18.6985 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, 163, 142)` looks like.

```
.text, #text, p{  
    color:rgb(190, 163, 142)  
}
```

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, 163, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 163, 142) }
```

Border

The CSS property to change the border of an element to YUV 168.6790, -13.1527, 18.6985 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, 163, 142) }
```


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

```
.border{ border-color:rgb(190, 163, 142) }
```

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

Here you see how a box with a 4 pixel rgb(190, 163, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 163, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 163, 142);  
box-shadow:4px 4px 4px 4px rgb(190, 163,  
142) }
```

Background

The CSS property to change the background color of an element to YUV 168.6790, -13.1527, 18.6985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 163, 142) }
```

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

```
.background{ background-color: rgb(190,  
163, 142) }
```

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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