

Converting Colors

YUV(117.8630, -18.6665,
60.6331)

Have a look what the booklet for
YUV(117.8630, -18.6665, 60.6331)
contains.

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Color

**YUV(117.8630, -18.6665,
60.6331)**

Conversions

Conversions Part 1

Format	Color
Hex	BB5A50
RGB	187, 90, 80
RGB Percent	73%, 35%, 31%
CMY	0.2667, 0.6471, 0.6863
CMYK	0.00, 0.52, 0.57, 0.27
HSL	6°, 44%, 52%
HSV	6°, 57%, 73%
XYZ	25.5976, 18.4563, 9.8027
YIQ	117.8630, 61.0220, 17.4540

Conversions

Conversions Part 2

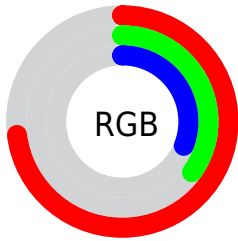
Format	Color
R_{YB}	187, 91, 80
Decimal	12278352
CIE _{Lab}	50.04, 38.22, 24.23
CIE _{LCh}	50, 45.251, 32.379
Yxy	18.4563, 0.4753, 0.3427
Android (android.graphics.Color)	4290468432 (0xFFBB5A50)
YUV	117.8630, -18.6665, 60.6331
Hunter-Lab	42.9608, 31.1755, 16.5439

Details

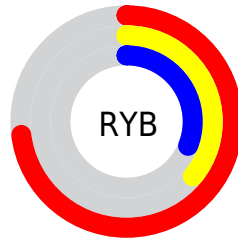
The YUV color **117.8630, -18.6665, 60.6331** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **149.1370, 18.6665, -60.6331**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.9130, -21.1561, 65.8513**, and **65.4540, -15.0138, 55.7298** is the 20% darker color. If you saturate the color by 10%, you get **105.7180, -22.0460, 71.2843**, and if you desaturate by 10%, it is **130.0080, -15.2869, 49.9820**.

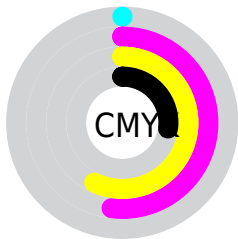
Distribution



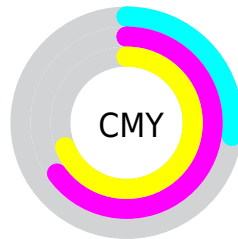
- Red (73%)
- Green (35%)
- Blue (31%)



- Red (73%)
- Yellow (36%)
- Blue (31%)



- Cyan (0%)
- Magenta (52%)
- Yellow (57%)
- Black (27%)



- Cyan (27%)
- Magenta (65%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.8630, -18.6665, 60.6331 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 117.8630, -18.6665, 60.6331 by changing the saturation by 10% instead.

■ 117.8630,
-18.6665, 60.6331

■ 117.8630,
-18.6665, 60.6331

■ 255.0000, 0.0000,
0.0000

■ 91.8950, -17.2032,
57.9741

■ 171.9130,
-21.1561, 65.8513

■ 65.4540, -15.0138,
55.7298

■ 193.7050,
-19.0816, 53.7557

■ 37.7790, -11.2300,
55.4448

■ 212.6320,
-15.1016, 37.1567

■ 21.8270, -10.7607,
44.8787

■ 232.8470,
-11.2636, 19.4282

■ 14.8790, -6.3493,
29.9241

■ 253.0620, -7.4256,
1.6996

■ 0.0000, 0.0000,
0.0000

■ 117.8630,
-18.6665, 60.6331

■ 117.8630,
-18.6665, 60.6331

■ 105.7180,
-22.0460, 71.2843

■ 130.0080,
-15.2869, 49.9820

■ 93.6870, -24.9887,
81.8355

■ 142.0390,
-12.3442, 39.4308

■ 81.5420, -28.3682,
92.4867

■ 154.1840, -8.9647,
28.7796

■ 69.3970, -31.7477,
103.1378

■ 166.3290, -5.5852,
18.1285

■ 65.8920, -32.4848,
106.2117

■ 178.4740, -2.2057,
7.4773

■ 190.5050, 0.7370,
-3.0739

■ 202.6500, 4.1165,
-13.7251

■ 214.7950, 7.4961,

-24.3762

■ 226.8260, 10.4388,
-34.9274

Harmonies

Analogous

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



118.9720, -0.4792, 60.5376



117.8630, -18.6665, 60.6331



116.9800, -33.0211, 44.7445

Triad

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



117.8630, -18.6665, 60.6331



100.8520, -9.2940, -52.4902



106.5160, 44.1156, -56.5805

Complementary

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



117.8630, -18.6665, 60.6331



149.1370, 18.6665, -60.6331

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.



98.8020, 43.4816, -86.6494



117.8630, -18.6665, 60.6331



94.8000, 12.9166, -83.1396

Square

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



117.8630, -18.6665, 60.6331



110.7250, -29.9374, -11.1598



98.5450, 29.8043, -86.4240



121.7470, 30.6907, 2.8529

Rectangle

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



117.8630, -18.6665, 60.6331



115.9150, -37.9191, 29.0155



98.5450, 29.8043, -86.4240



96.1920, 48.7123, -84.3604

Sweetspot

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



117.8630, -18.6665, 60.6331



215.6070, -7.2013, 23.1467



123.1650, 27.0337, 55.9833



106.3500, -4.1165, 13.7251



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



117.8630, -18.6665, 60.6331



134.3250, -29.2472, 94.4310



148.3870, -33.7148, 33.8636



88.2780, -1.6161, 5.0182



56.0470, -27.6312, 89.4128



11.0300, -5.4378, 17.5137

Inverse Universe

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



149.1370, 18.6665, -60.6331



183.2620, 28.9578, -94.9458



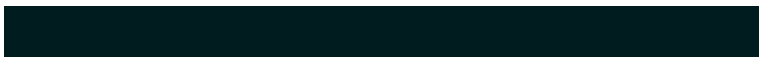
118.6130, 33.7148, -33.8636



90.7220, 1.6161, -5.0182



101.9530, 27.6312, -89.4128



19.9700, 5.4378, -17.5137

Previews

White Background



This preview shows how the YUV color 117.8630, -18.6665, 60.6331 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 117.8630, -18.6665, 60.6331 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 × Fail

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

YUV 117.8630, -18.6665, 60.6331

Background



This preview shows how black text looks on a background with the YUV color 117.8630, -18.6665, 60.6331.



This preview shows how white text looks on a background with the YUV color 117.8630, -18.6665,

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

117.8630, -18.6665, 60.6331

Protanopia

118.7270, -12.6834, 8.1324

Deuteranopia

118.6380, -21.0205, 22.2425



Tritanopia

118.5840, -12.1199, 60.8778

Trichromacy



Original Color

117.8630, -18.6665, 60.6331

Protanomaly

117.9790, -14.7796, 27.2054

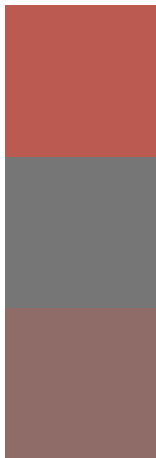
Deuteranomaly

118.2530, -20.3377, 36.6121

Tritanomaly

118.6010, -14.5933, 60.8629

Monochromacy



Original Color

117.8630, -18.6665, 60.6331

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.0090, -6.9064, 21.9171

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.8630, -18.6665, 60.6331 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(187, 90, 80)` looks like.

```
.text, #text, p{  
    color:rgb(187, 90, 80)  
}
```

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(187, 90, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 90, 80) }
```

Border

The CSS property to change the border of an element to YUV 117.8630, -18.6665, 60.6331 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(187, 90, 80) }
```


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

```
.border{ border-color:rgb(187, 90, 80) }
```

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

Here you see how a box with a 4 pixel rgb(187, 90, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 90, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 90, 80);  
box-shadow:4px 4px 4px 4px rgb(187, 90,  
80) }
```

Background

The CSS property to change the background color of an element to YUV 117.8630, -18.6665, 60.6331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 90, 80) }
```

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

```
.background{ background-color: rgb(187, 90,  
80) }
```

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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