

Converting Colors

YUV(98.3230, -26.2882,
78.6467)

Have a look what the booklet for
YUV(98.3230, -26.2882, 78.6467)
contains.

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Color

**YUV(98.3230, -26.2882,
78.6467)**

Conversions

Conversions Part 1

Format	Color
Hex	BC3F2D
RGB	188, 63, 45
RGB Percent	74%, 25%, 18%
CMY	0.2627, 0.7529, 0.8235
CMYK	0.00, 0.66, 0.76, 0.26
HSL	8°, 61%, 46%
HSV	8°, 76%, 74%
XYZ	22.9902, 14.4358, 4.0573
YIQ	98.3230, 80.2780, 20.9020

Conversions

Conversions Part 2

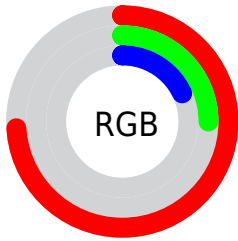
Format	Color
R_{YB}	188, 66, 45
Decimal	12336941
CIE _{Lab}	44.85, 49.24, 38.11
CIE _{LCh}	45, 62.270, 37.741
Yxy	14.4358, 0.5542, 0.3480
Android (android.graphics.Color)	4290527021 (0xFFBC3F2D)
YUV	98.3230, -26.2882, 78.6467
Hunter-Lab	37.9945, 41.5186, 20.2648

Details

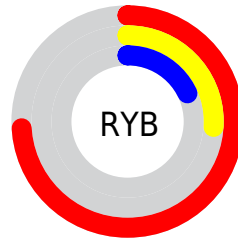
The YUV color **98.3230, -26.2882, 78.6467** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **134.6770, 26.2882, -78.6467**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.9170, -30.5251, 84.2648**, and **37.9730, -18.7207, 78.0767** is the 20% darker color. If you saturate the color by 10%, you get **86.7650, -29.9571, 88.7831**, and if you desaturate by 10%, it is **109.8810, -22.6193, 68.5104**.

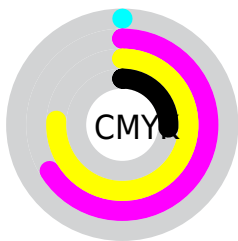
Distribution



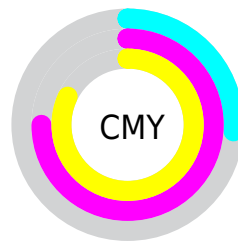
- Red (74%)
- Green (25%)
- Blue (18%)



- Red (74%)
- Yellow (26%)
- Blue (18%)



- Cyan (0%)
- Magenta (66%)
- Yellow (76%)
- Black (26%)





- Cyan (26%)
- Magenta (75%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the YUV color 98.3230, -26.2882, 78.6467 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 98.3230, -26.2882, 78.6467 by changing the saturation by 10% instead.


 98.3230, -26.2882,
78.6467


 98.3230, -26.2882,
78.6467


255.0000, 0.0000,
0.0000


 69.5230, -22.9358,
76.7173


 153.9170,
-30.5251, 84.2648


 37.9730, -18.7207,
78.0767


 174.1110,
-28.1557, 70.9397


 29.0030, -14.2985,
59.6334

 193.5110,
-24.9019, 53.9259

 20.3320, -10.0237,
41.8048

 212.9110,
-21.6481, 36.9121

 12.0740, -5.4595,
24.4911

 233.1260,
-17.8101, 19.1835

 0.0000, 0.0000,
0.0000

 251.5800,

-13.1039, 2.9993

254.8860, -0.4368,
0.1000

■ 98.3230, -26.2882,
78.6467

■ 98.3230, -26.2882,
78.6467

■ 86.7650, -29.9571,
88.7831

■ 109.8810,
-22.6193, 68.5104

■ 74.6200, -33.3367,
99.4343

■ 122.0260,
-19.2398, 57.8592

■ 70.3000, -34.6579,
103.2229

■ 133.4700,
-16.0077, 47.8228

■ 145.6150,
-12.6282, 37.1716

■ 157.1730, -8.9593,
27.0353

■ 169.3180, -5.5798,
16.3841

■ 180.8760, -1.9109,
6.2477

■ 192.3200, 1.3212,
-3.7886

■ 204.4650, 4.7008,
-14.4398

Harmonies

Analogous

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



95.2620, -0.1292, 88.3472



98.3230, -26.2882, 78.6467



99.7840, -49.1935, 51.9324

Triad

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



98.3230, -26.2882, 78.6467



81.8450, -8.7976, -71.7781



87.3360, 60.4734, -76.5937

Complementary

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



98.3230, -26.2882, 78.6467



134.6770, 26.2882, -78.6467

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.



94.7560, 53.3643, -83.1010



98.3230, -26.2882, 78.6467



89.2890, 14.6475, -78.3065

Square

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



98.3230, -26.2882, 78.6467



88.0810, -43.4239, -25.5040



94.4020, 36.7768, -82.7906



108.2180, 39.8255, 12.9638

Rectangle

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



98.3230, -26.2882, 78.6467



99.9290, -49.2650, 28.1263



94.4020, 36.7768, -82.7906



90.9720, 59.1738, -79.7824

Sweetspot

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



98.3230, -26.2882, 78.6467



209.7390, -10.7173, 30.9239



102.1210, 33.9573, 75.3159



100.5140, -6.1694, 18.8432



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.



98.3230, -26.2882, 78.6467



105.1130, -40.9747, 122.6809



139.4130, -46.5456, 42.6108



88.2780, -1.6161, 5.0182



58.9820, -29.0781, 86.8388



11.6170, -5.7272, 16.9989

Inverse Universe

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



134.6770, 26.2882, -78.6467



161.8870, 40.9747, -122.6809



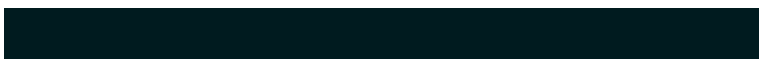
93.5870, 46.5456, -42.6108



90.7220, 1.6161, -5.0182



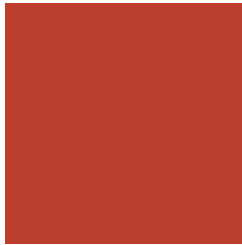
99.0180, 29.0781, -86.8388



19.3830, 5.7272, -16.9989

Previews

White Background



This preview shows how the YUV color 98.3230, -26.2882, 78.6467 looks on a white 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

Black Background



This preview shows how the YUV color 98.3230, -26.2882, 78.6467 looks on a black 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

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

YUV 98.3230, -26.2882, 78.6467

Background



This preview shows how black text looks on a background with the YUV color 98.3230, -26.2882, 78.6467.



This preview shows how white text looks on a background with the YUV color 98.3230, -26.2882,

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

98.3230, -26.2882, 78.6467

Protanopia

104.7030, -23.0246, 11.6615

Deuteranopia

104.0440, -33.5457, 26.2714



Tritanopia

99.6140, -17.5577, 78.3915

Trichromacy



Original Color

98.3230, -26.2882, 78.6467

Protanomaly

102.2160, -24.2635, 35.7676

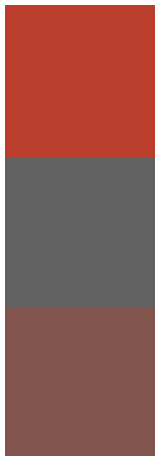
Deuteranomaly

102.1480, -31.1320, 45.4742

Tritanomaly

99.4030, -20.9047, 78.5766

Monochromacy



Original Color

98.3230, -26.2882, 78.6467

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

98.0700, -9.4015, 28.8796

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.3230, -26.2882, 78.6467 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(188, 63, 45)` looks like.

```
.text, #text, p{  
    color:rgb(188, 63, 45)  
}
```

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(188, 63, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 63, 45) }
```

Border

The CSS property to change the border of an element to YUV 98.3230, -26.2882, 78.6467 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(188, 63, 45) }
```


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

```
.border{ border-color:rgb(188, 63, 45) }
```

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

Here you see how a box with a 4 pixel rgb(188, 63, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 63, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 63, 45);  
box-shadow:4px 4px 4px 4px rgb(188, 63,  
45) }
```

Background

The CSS property to change the background color of an element to YUV 98.3230, -26.2882, 78.6467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 63, 45) }
```

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

```
.background{ background-color: rgb(188, 63,  
45) }
```

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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