

Converting Colors

YUV(89.9210, -26.5831,
79.8763)

Have a look what the booklet for
YUV(89.9210, -26.5831, 79.8763)
contains.

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Color

**YUV(89.9210, -26.5831,
79.8763)**

Conversions

Conversions Part 1

Format	Color
Hex	B53624
RGB	181, 54, 36
RGB Percent	71%, 21%, 14%
CMY	0.2902, 0.7882, 0.8588
CMYK	0.00, 0.70, 0.80, 0.29
HSL	7°, 67%, 43%
HSV	7°, 80%, 71%
XYZ	20.6937, 12.5895, 3.0084
YIQ	89.9210, 81.4700, 21.3260

Conversions

Conversions Part 2

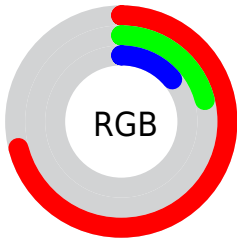
Format	Color
R_{YB}	181, 57, 36
Decimal	11875876
CIE Lab	42.14, 50.20, 39.78
CIE LCh	42, 64.047, 38.391
Yxy	12.5895, 0.5702, 0.3469
Android (android.graphics.Color)	4290065956 (0xFFB53624)
YUV	89.9210, -26.5831, 79.8763
Hunter-Lab	35.4816, 42.0122, 19.8101

Details

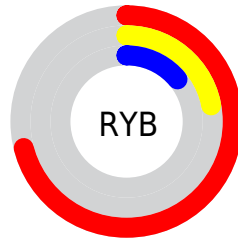
The YUV color **89.9210, -26.5831, 79.8763** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **127.0790, 26.5831, -79.8763**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.4010, -31.2567, 85.5943**, and **35.8800, -17.6888, 73.7732** is the 20% darker color. If you saturate the color by 10%, you get **78.4770, -29.8152, 89.9127**, and if you desaturate by 10%, it is **101.3650, -23.3509, 69.8399**.

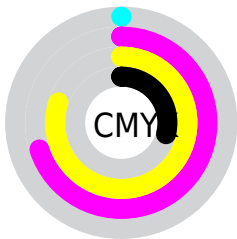
Distribution



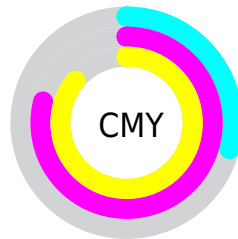
- Red (71%)
- Green (21%)
- Blue (14%)



- Red (71%)
- Yellow (22%)
- Blue (14%)



- Cyan (0%)
- Magenta (70%)
- Yellow (80%)
- Black (29%)



- Cyan (29%)
- Magenta (79%)
- Yellow (86%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.9210, -26.5831, 79.8763 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 89.9210, -26.5831, 79.8763 by changing the saturation by 10% instead.

■ 89.9210, -26.5831,
79.8763

■ 89.9210, -26.5831,
79.8763

255.0000, 0.0000,
0.0000

■ 59.9470, -22.6519,
78.9765

■ 145.4010,
-31.2567, 85.5943

■ 35.8800, -17.6888,
73.7732

■ 168.2750,
-30.2086, 76.0578

■ 26.9100, -13.2666,
55.3299

■ 187.0880,
-26.6654, 59.5588

■ 18.6520, -8.7024,
38.0162

■ 206.4880,
-23.4116, 42.5450

■ 9.0840, -3.9854,
18.3433

■ 226.5890,
-20.0104, 24.9164

■ 0.0000, 0.0000,
0.0000

■ 246.8040,

-16.1724, 7.1879

253.6320, -5.2416,
1.1997

89.9210, -26.5831,
79.8763

89.9210, -26.5831,
79.8763

78.4770, -29.8152,
89.9127

101.3650,
-23.3509, 69.8399

67.0330, -33.0473,
99.9491

112.8090,
-20.1188, 59.8035

124.2530,
-16.8867, 49.7671

135.1100,
-13.3652, 40.2455

146.6680, -9.6963,
30.1092

■ 158.1120, -6.4642,
20.0728

■ 169.5560, -3.2321,
10.0364

■ 181.0000, 0.0000,
0.0000

■ 192.4440, 3.2321,
-10.0364

Harmonies

Analogous

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



84.0500, 1.4544, 93.7952



89.9210, -26.5831, 79.8763



93.2830, -45.9885, 50.6178

Triad

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



89.9210, -26.5831, 79.8763



77.0520, -9.3926, -67.5746



82.6570, 60.3151, -72.4902

Complementary

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



89.9210, -26.5831, 79.8763



127.0790, 26.5831, -79.8763

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.



90.0770, 53.2060, -78.9975



89.9210, -26.5831, 79.8763



84.4960, 14.0525, -74.1030

Square

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



89.9210, -26.5831, 79.8763



80.9710, -39.9187, -29.7926



89.7230, 36.6186, -78.6871



101.0440, 40.4043, 13.9934

Rectangle

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



89.9210, -26.5831, 79.8763



93.1290, -45.9126, 26.1969



89.7230, 36.6186, -78.6871



86.2930, 59.0156, -75.6790

Sweetspot

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



89.9210, -26.5831, 79.8763



199.1520, -10.4279, 31.4387



93.9470, 34.5361, 76.3455



96.1010, -6.4588, 18.3284



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.



89.9210, -26.5831, 79.8763



93.0100, -41.4169, 124.5252



131.5980, -47.1298, 43.3256



83.2780, -1.6161, 5.0182



56.9000, -28.0517, 84.2797



9.5350, -4.7008, 14.4398

Inverse Universe

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



127.0790, 26.5831, -79.8763



150.9900, 41.4169, -124.5252



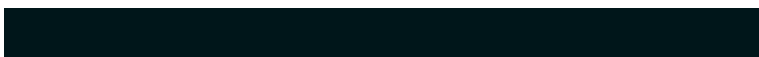
85.4020, 47.1298, -43.3256



85.7220, 1.6161, -5.0182



96.1000, 28.0517, -84.2797



15.8780, 4.9901, -13.9250

Previews

White Background



This preview shows how the YUV color 89.9210, -26.5831, 79.8763 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 89.9210, -26.5831, 79.8763 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 89.9210, -26.5831, 79.8763

Background



This preview shows how black text looks on a background with the YUV color 89.9210, -26.5831, 79.8763.



This preview shows how white text looks on a background with the YUV color 89.9210, -26.5831,

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

89.9210, -26.5831, 79.8763

Protanopia

97.4750, -23.8982, 11.8614

Deuteranopia

96.2890, -35.1455, 26.0565



Tritanopia

91.0980, -18.2893, 79.7211

Trichromacy



Original Color

89.9210, -26.5831, 79.8763

Protanomaly

94.4010, -24.8477, 36.4823

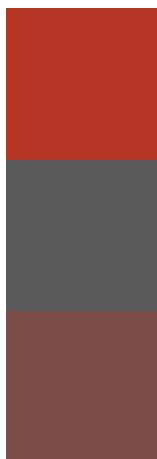
Deuteranomaly

93.9200, -32.0056, 45.6742

Tritanomaly

90.8870, -21.6363, 79.9061

Monochromacy



Original Color

89.9210, -26.5831, 79.8763

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.9560, -9.8383, 28.9796

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.9210, -26.5831, 79.8763 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(181, 54, 36)` looks like.

```
.text, #text, p{  
    color:rgb(181, 54, 36)  
}
```

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(181, 54, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 54, 36) }
```

Border

The CSS property to change the border of an element to YUV 89.9210, -26.5831, 79.8763 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(181, 54, 36) }
```


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

```
.border{ border-color:rgb(181, 54, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 54, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 54, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 54, 36);  
box-shadow:4px 4px 4px 4px rgb(181, 54,  
36) }
```

Background

The CSS property to change the background color of an element to YUV 89.9210, -26.5831, 79.8763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 54, 36) }
```

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

```
.background{ background-color: rgb(181, 54,  
36) }
```

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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