

Converting Colors

YUV(90.7460, -21.0738,
86.1688)

Have a look what the booklet for
YUV(90.7460, -21.0738, 86.1688)
contains.

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Color

**YUV(90.7460, -21.0738,
86.1688)**

Conversions

Conversions Part 1

Format	Color
Hex	BD3130
RGB	189, 49, 48
RGB Percent	74%, 19%, 19%
CMY	0.2588, 0.8078, 0.8118
CMYK	0.00, 0.74, 0.75, 0.26
HSL	0°, 59%, 46%
HSV	0°, 75%, 74%
XYZ	22.6181, 13.2288, 4.1576
YIQ	90.7460, 83.7610, 29.3690

Conversions

Conversions Part 2

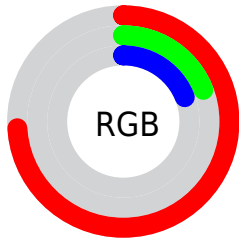
Format	Color
R _Y B	189, 49, 48
Decimal	12398896
CIE Lab	43.11, 55.08, 34.56
CIE LCh	43, 65.021, 32.107
Yxy	13.2288, 0.5654, 0.3307
Android (android.graphics.Color)	4290588976 (0xFFBD3130)
YUV	90.7460, -21.0738, 86.1688
Hunter-Lab	36.3715, 47.3525, 18.6826

Details

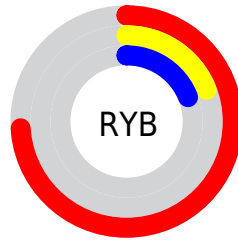
The YUV color **90.7460, -21.0738, 86.1688** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **146.2540, 21.0738, -86.1688**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.4000, -26.3262, 90.8572**, and **38.6140, -17.5577, 78.3915** is the 20% darker color. If you saturate the color by 10%, you get **77.4270, -23.8745, 97.8495**, and if you desaturate by 10%, it is **104.0650, -18.2730, 74.4880**.

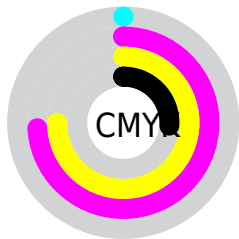
Distribution



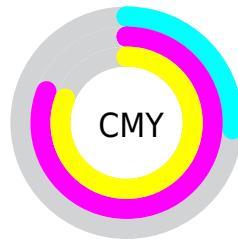
- Red (74%)
- Green (19%)
- Blue (19%)



- Red (74%)
- Yellow (19%)
- Blue (19%)



- Cyan (0%)
- Magenta (74%)
- Yellow (75%)
- Black (26%)



- Cyan (26%)
- Magenta (81%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.7460, -21.0738, 86.1688 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 90.7460, -21.0738, 86.1688 by changing the saturation by 10% instead.

■ 90.7460, -21.0738,
86.1688

■ 90.7460, -21.0738,
86.1688

255.0000, 0.0000,
0.0000

■ 56.7770, -14.6801,
88.7726

■ 148.4000,
-26.3262, 90.8572

■ 38.6140, -17.5577,
78.3915

■ 167.9960,
-23.6620, 76.3025

■ 29.0030, -14.2985,
59.6334

■ 187.2820,
-20.8450, 59.3887

■ 20.7450, -9.7343,
42.3196

■ 207.3830,
-17.4438, 41.7601

■ 11.7750, -5.3121,
23.8763

■ 227.4840,
-14.0426, 24.1315

■ 0.0000, 0.0000,
0.0000

■ 247.8130, -9.7678,

■ 90.7460, -21.0738,
86.1688

■ 90.7460, -21.0738,
86.1688

■ 77.4270, -23.8745,
97.8495

■ 104.0650,
-18.2730, 74.4880

■ 64.1080, -26.6752,
109.5303

■ 117.3840,
-15.4723, 62.8072

■ 57.0980, -28.1493,
115.6781

■ 130.1160,
-12.3822, 51.6413

■ 143.4350, -9.5815,
39.9605

■ 156.7540, -6.7807,
28.2797

■ 169.9590, -4.4168,
16.6990

■ 182.6910, -1.3267,
5.5330

■ 196.0100, 1.4741,
-6.1478

■ 209.3290, 4.2748,
-17.8285

Harmonies

Analogous

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



86.7170, 6.5485, 93.2102



90.7460, -21.0738, 86.1688



94.8110, -46.7418, 58.9248

Triad

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



90.7460, -21.0738, 86.1688



76.9720, -14.7762, -67.5044



87.4500, 60.9102, -76.6936

Complementary

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



90.7460, -21.0738, 86.1688



146.2540, 21.0738, -86.1688

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.



92.8980, 51.3223, -81.4715



90.7460, -21.0738, 86.1688



85.2310, 9.2531, -74.7476

Square

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



90.7460, -21.0738, 86.1688



86.9400, -42.8614, -19.2414



91.3870, 32.8402, -80.1464



102.2100, 45.2525, -1.0612

Rectangle

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



90.7460, -21.0738, 86.1688



96.4290, -47.5395, 34.7038



91.3870, 32.8402, -80.1464



90.2710, 59.0264, -79.1677

Sweetspot

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



90.7460, -21.0738, 86.1688



207.1460, -7.9600, 33.1980



106.2330, 40.8041, 72.5867



100.2690, -4.5696, 19.0581



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.



90.7460, -21.0738, 86.1688



91.2530, -33.1557, 134.8361



131.8360, -41.3311, 50.1328



87.6910, -1.3267, 5.5330



47.8290, -23.5797, 96.6200



9.2690, -4.5696, 19.0581

Inverse Universe

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



146.2540, 21.0738, -86.1688



177.7470, 33.1557, -134.8361



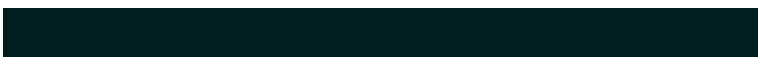
105.7510, 41.0418, -50.6476



91.3090, 1.3267, -5.5330



110.1710, 23.5797, -96.6200



21.1440, 4.8590, -18.5433

Previews

White Background



This preview shows how the YUV color 90.7460, -21.0738, 86.1688 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 90.7460, -21.0738, 86.1688 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 90.7460, -21.0738, 86.1688

Background



This preview shows how black text looks on a background with the YUV color 90.7460, -21.0738, 86.1688.



This preview shows how white text looks on a background with the YUV color 90.7460, -21.0738,

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

90.7460, -21.0738, 86.1688

Protanopia

101.3590, -17.9250, 9.3322

Deuteranopia

100.2440, -30.1933, 24.3420



Tritanopia

90.9740, -20.2002, 85.9688

Trichromacy



Original Color

90.7460, -21.0738, 86.1688

Protanomaly

97.3070, -18.8854, 37.4418

Deuteranomaly

96.5980, -26.9168, 46.8336

Tritanomaly

90.8600, -20.6370, 86.0688

Monochromacy



Original Color

90.7460, -21.0738, 86.1688

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

91.1350, -7.9546, 31.4536

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.7460, -21.0738, 86.1688 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(189, 49, 48)` looks like.

```
.text, #text, p{  
    color:rgb(189, 49, 48)  
}
```

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(189, 49, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 49, 48) }
```

Border

The CSS property to change the border of an element to YUV 90.7460, -21.0738, 86.1688 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(189, 49, 48) }
```


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

```
.border{ border-color:rgb(189, 49, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 49, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 49, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 49, 48);  
box-shadow:4px 4px 4px 4px rgb(189, 49,  
48) }
```

Background

The CSS property to change the background color of an element to YUV 90.7460, -21.0738, 86.1688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 49, 48) }
```

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

```
.background{ background-color: rgb(189, 49,  
48) }
```

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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