

Converting Colors

YUV(87.4160, -27.3201,
82.9502)

Have a look what the booklet for
YUV(87.4160, -27.3201, 82.9502)
contains.

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Color

**YUV(87.4160, -27.3201,
82.9502)**

Conversions

Conversions Part 1

Format	Color
Hex	B63220
RGB	182, 50, 32
RGB Percent	71%, 20%, 13%
CMY	0.2863, 0.8039, 0.8745
CMYK	0.00, 0.73, 0.82, 0.29
HSL	7°, 70%, 42%
HSV	7°, 82%, 71%
XYZ	20.6927, 12.3306, 2.6559
YIQ	87.4160, 84.4500, 22.3860

Conversions

Conversions Part 2

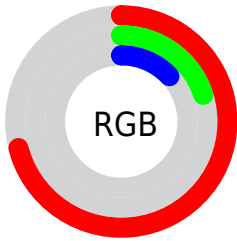
Format	Color
R_{YB}	182, 52, 32
Decimal	11940384
CIE Lab	41.74, 51.92, 41.54
CIE LCh	42, 66.498, 38.662
Yxy	12.3306, 0.5800, 0.3456
Android (android.graphics.Color)	4290130464 (0xFFB63220)
YUV	87.4160, -27.3201, 82.9502
Hunter-Lab	35.1149, 43.7364, 20.0961

Details

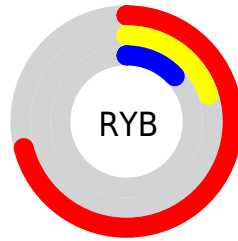
The YUV color **87.4160, -27.3201, 82.9502** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **126.5840, 27.3201, -82.9502**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.7820, -32.4305, 88.7682**, and **36.1790, -17.8362, 74.3880** is the 20% darker color. If you saturate the color by 10%, you get **75.9720, -30.5522, 92.9866**, and if you desaturate by 10%, it is **98.8600, -24.0880, 72.9138**.

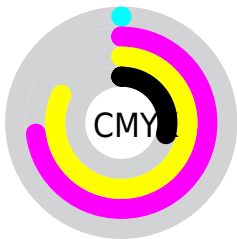
Distribution



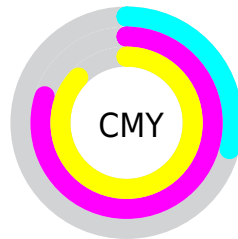
- Red (71%)
- Green (20%)
- Blue (13%)



- Red (71%)
- Yellow (20%)
- Blue (13%)



- Cyan (0%)
- Magenta (73%)
- Yellow (82%)
- Black (29%)



- Cyan (29%)
- Magenta (80%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.4160, -27.3201, 82.9502 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 87.4160, -27.3201, 82.9502 by changing the saturation by 10% instead.

87.4160, -27.3201,
82.9502

87.4160, -27.3201,
82.9502

255.0000, 0.0000,
0.0000

55.5670, -22.9575,
83.6947

143.7820,
-32.4305, 88.7682

36.1790, -17.8362,
74.3880

166.0580,
-31.0876, 78.0021

26.9100, -13.2666,
55.3299

184.7570,
-27.9812, 61.6031

19.0650, -8.4130,
38.5310

204.2710,
-24.2906, 44.4893

9.0840, -3.9854,
18.3433

224.3720,
-20.8894, 26.8608

0.0000, 0.0000,
0.0000

244.5870,

-17.0514, 9.1322

253.0620, -7.4256,
1.6996

87.4160, -27.3201,
82.9502

87.4160, -27.3201,
82.9502

75.9720, -30.5522,
92.9866

98.8600, -24.0880,
72.9138

67.3320, -33.1947,
100.5638

110.3040,
-20.8559, 62.8774

121.8620,
-17.1870, 52.7410

133.3060,
-13.9549, 42.7046

144.7500,
-10.7227, 32.6683

■ 156.1940, -7.4906,
22.6319

■ 167.6380, -4.2585,
12.5955

■ 179.1960, -0.5896,
2.4591

■ 190.6400, 2.6425,
-7.5773

Harmonies

Analogous

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



77.6640, 3.6166, 100.2727



87.4160, -27.3201, 82.9502



92.6960, -45.6991, 51.1326

Triad

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



87.4160, -27.3201, 82.9502



76.2370, -9.9768, -66.8598



82.9990, 61.6255, -72.7901

Complementary

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



87.4160, -27.3201, 82.9502



126.5840, 27.3201, -82.9502

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.



90.4190, 54.5164, -79.2975



87.4160, -27.3201, 82.9502



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.



87.4160, -27.3201, 82.9502



78.8890, -38.8923, -32.3517



89.9510, 37.4922, -78.8870



100.0980, 41.8567, 14.8231

Rectangle

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



87.4160, -27.3201, 82.9502



92.8300, -45.7652, 25.5821



89.9510, 37.4922, -78.8870



86.6350, 60.3259, -75.9789

Sweetspot

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



87.4160, -27.3201, 82.9502



199.7500, -10.7227, 32.6683



92.0120, 35.9831, 78.9195



97.1120, -6.4642, 20.0728



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



87.4160, -27.3201, 82.9502



89.2880, -43.0330, 129.5434



131.4410, -49.0244, 44.3402



86.2780, -1.6161, 5.0182



57.7970, -28.4939, 86.1240



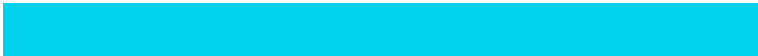
10.1330, -4.9956, 15.6694

Inverse Universe

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



126.5840, 27.3201, -82.9502



150.2990, 42.7436, -130.0582



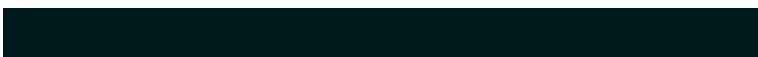
83.1460, 48.7350, -44.8550



88.7220, 1.6161, -5.0182



98.2030, 28.4939, -86.1240



17.8670, 4.9956, -15.6694

Previews

White Background



This preview shows how the YUV color 87.4160, -27.3201, 82.9502 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 87.4160, -27.3201, 82.9502 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 87.4160, -27.3201, 82.9502

Background



This preview shows how black text looks on a background with the YUV color 87.4160, -27.3201, 82.9502.



This preview shows how white text looks on a background with the YUV color 87.4160, -27.3201,

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

87.4160, -27.3201, 82.9502

Protanopia

96.7200, -25.4980, 11.6466

Deuteranopia

94.6050, -37.7663, 26.6564



Tritanopia

88.2940, -18.8789, 82.1802

Trichromacy



Original Color

87.4160, -27.3201, 82.9502

Protanomaly

93.3580, -26.3055, 37.3970

Deuteranomaly

92.0620, -34.0476, 47.3036

Tritanomaly

88.0830, -22.2259, 82.3652

Monochromacy



Original Color

87.4160, -27.3201, 82.9502

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.5540, -10.1331, 30.2091

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.4160, -27.3201, 82.9502 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(182, 50, 32)` looks like.

```
.text, #text, p{  
    color:rgb(182, 50, 32)  
}
```

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(182, 50, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 50, 32) }
```

Border

The CSS property to change the border of an element to YUV 87.4160, -27.3201, 82.9502 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(182, 50, 32) }
```


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

```
.border{ border-color:rgb(182, 50, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 50, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 50, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 50, 32);  
box-shadow:4px 4px 4px 4px rgb(182, 50,  
32) }
```

Background

The CSS property to change the background color of an element to YUV 87.4160, -27.3201, 82.9502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 50, 32) }
```

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

```
.background{ background-color: rgb(182, 50,  
32) }
```

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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