

Converting Colors

YUV(86.2810, -29.2255,
87.4536)

Have a look what the booklet for
YUV(86.2810, -29.2255, 87.4536)
contains.

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Color

**YUV(86.2810, -29.2255,
87.4536)**

Conversions

Conversions Part 1

Format	Color
Hex	BA2F1B
RGB	186, 47, 27
RGB Percent	73%, 18%, 11%
CMY	0.2706, 0.8157, 0.8941
CMYK	0.00, 0.75, 0.85, 0.27
HSL	8°, 75%, 42%
HSV	8°, 85%, 73%
XYZ	21.4640, 12.5513, 2.3283
YIQ	86.2810, 89.2640, 23.2480

Conversions

Conversions Part 2

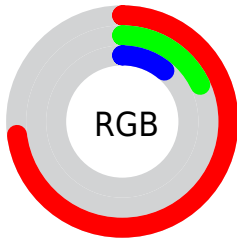
Format	Color
R _Y B	186, 50, 27
Decimal	12201755
CIE Lab	42.08, 54.14, 44.62
CIE LCh	42, 70.161, 39.497
Yxy	12.5513, 0.5906, 0.3454
Android (android.graphics.Color)	4290391835 (0xFFBA2F1B)
YUV	86.2810, -29.2255, 87.4536
Hunter-Lab	35.4278, 46.1463, 20.9030

Details

The YUV color **86.2810, -29.2255, 87.4536** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **126.7190, 29.2255, -87.4536**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.3480, -34.1886, 92.6568**, and **37.0760, -18.2785, 76.2323** is the 20% darker color. If you saturate the color by 10%, you get **74.7230, -32.8944, 97.5899**, and if you desaturate by 10%, it is **97.8390, -25.5566, 77.3172**.

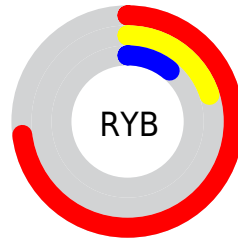
Distribution



Red (73%)

Green (18%)

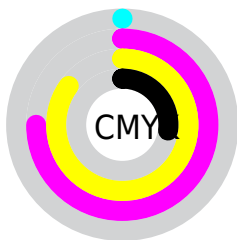
Blue (11%)



Red (73%)

Yellow (20%)

Blue (11%)

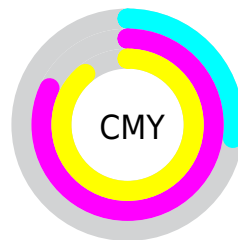


Cyan (0%)

Magenta (75%)

Yellow (85%)

Black (27%)



Cyan (27%)


Magenta (82%)


Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the YUV color 86.2810, -29.2255, 87.4536 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 86.2810, -29.2255, 87.4536 by changing the saturation by 10% instead.


 86.2810, -29.2255,
87.4536


 86.2810, -29.2255,
87.4536


255.0000, 0.0000,
0.0000


 51.3830, -23.8528,
90.8721


 143.3480,
-34.1886, 92.6568


 37.0760, -18.2785,
76.2323


 164.3140,
-32.6928, 79.5316


 27.8070, -13.7089,
57.1743

 183.7140,
-29.4390, 62.5178

 19.6630, -8.7079,
39.7605

 203.1140,
-26.1852, 45.5040

 10.2800, -4.5750,
20.8024

 223.2150,
-22.7840, 27.8754

 0.0000, 0.0000,
0.0000

 243.3160,

-19.3828, 10.2469

252.4920, -9.6096,
2.1995

86.2810, -29.2255,
87.4536

86.2810, -29.2255,
87.4536

74.7230, -32.8944,
97.5899

97.8390, -25.5566,
77.3172

69.1150, -34.0737,
102.5081

109.8700,
-22.6139, 66.7660

121.4280,
-18.9450, 56.6296

132.8720,
-15.7129, 46.5933

144.4300,
-12.0440, 36.4569

■ 156.5750, -8.6645,
25.8057

■ 168.0190, -5.4324,
15.7693

■ 179.5770, -1.7635,
5.6330

■ 191.0210, 1.4686,
-4.4034

Harmonies

Analogous

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



68.7780, 7.5044, 113.3277



86.2810, -29.2255, 87.4536



93.2940, -45.9939, 52.3622

Triad

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



86.2810, -29.2255, 87.4536



77.4110, -10.5556, -67.8894



83.7970, 64.6831, -73.4900

Complementary

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



86.2810, -29.2255, 87.4536



126.7190, 29.2255, -87.4536

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.



92.5050, 57.4320, -81.1269



86.2810, -29.2255, 87.4536



85.5390, 15.5103, -75.0177

Square

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



86.2810, -29.2255, 87.4536



77.3720, -38.1444, -38.9142



91.8090, 39.5342, -80.5165



100.6900, 44.0298, 17.8119

Rectangle

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



86.2810, -29.2255, 87.4536



93.4170, -46.0546, 25.0673



91.8090, 39.5342, -80.5165



88.1340, 63.5309, -77.2935

Sweetspot

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



86.2810, -29.2255, 87.4536



202.5330, -11.6018, 34.6126



90.5010, 37.7140, 83.7526



98.2970, -7.0484, 20.7875



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.



86.2810, -29.2255, 87.4536



89.9680, -44.3542, 133.3321



132.0670, -51.7980, 47.2992



86.2780, -1.6161, 5.0182



58.3840, -28.7833, 85.6092



10.7200, -5.2850, 15.1546

Inverse Universe

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



126.7190, 29.2255, -87.4536



152.0320, 44.3542, -133.3321



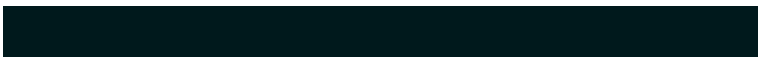
80.9330, 51.7980, -47.2992



88.7220, 1.6161, -5.0182



97.6160, 28.7833, -85.6092



17.8670, 4.9956, -15.6694

Previews

White Background



This preview shows how the YUV color 86.2810, -29.2255, 87.4536 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 86.2810, -29.2255, 87.4536 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 86.2810, -29.2255, 87.4536

Background



This preview shows how black text looks on a background with the YUV color 86.2810, -29.2255, 87.4536.



This preview shows how white text looks on a background with the YUV color 86.2810, -29.2255,

87.4536.

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

86.2810, -29.2255, 87.4536

Protanopia

96.7480, -27.9768, 13.3760

Deuteranopia

93.7380, -46.2128, 29.1708



Tritanopia

87.2730, -20.3476, 86.5836

Trichromacy



Original Color

86.2810, -29.2255, 87.4536

Protanomaly

93.0980, -28.6423, 40.2561

Deuteranomaly

91.1780, -40.0208, 49.8329

Tritanomaly

87.0620, -23.6946, 86.7686

Monochromacy



Original Color

86.2810, -29.2255, 87.4536

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.1520, -10.4279, 31.4387

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.2810, -29.2255, 87.4536 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(186, 47, 27)` looks like.

```
.text, #text, p{  
    color:rgb(186, 47, 27)  
}
```

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(186, 47, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 47, 27) }
```

Border

The CSS property to change the border of an element to YUV 86.2810, -29.2255, 87.4536 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(186, 47, 27) }
```


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

```
.border{ border-color:rgb(186, 47, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 47, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 47, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 47, 27);  
box-shadow:4px 4px 4px 4px rgb(186, 47,  
27) }
```

Background

The CSS property to change the background color of an element to YUV 86.2810, -29.2255, 87.4536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 47, 27) }
```

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

```
.background{ background-color: rgb(186, 47,  
27) }
```

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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