

Converting Colors

YUV(87.3010, -22.8264,
88.3130)

Have a look what the booklet for
YUV(87.3010, -22.8264, 88.3130)
contains.

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Color

**YUV(87.3010, -22.8264,
88.3130)**

Conversions

Conversions Part 1

Format	Color
Hex	BC2D29
RGB	188, 45, 41
RGB Percent	74%, 18%, 16%
CMY	0.2627, 0.8235, 0.8392
CMYK	0.00, 0.76, 0.78, 0.26
HSL	2°, 64%, 45%
HSV	2°, 78%, 74%
XYZ	22.0777, 12.7282, 3.3910
YIQ	87.3010, 86.5120, 29.0720

Conversions

Conversions Part 2

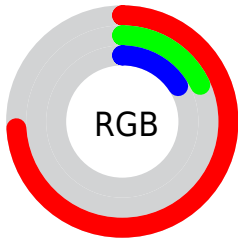
Format	Color
RYB	188, 45, 41
Decimal	12332329
CIELab	42.35, 55.84, 37.68
CIElCh	42, 67.367, 34.010
Yxy	12.7282, 0.5780, 0.3332
Android (android.graphics.Color)	4290522409 (0xFFBC2D29)
YUV	87.3010, -22.8264, 88.3130
Hunter-Lab	35.6767, 48.0264, 19.3383

Details

The YUV color **87.3010, -22.8264, 88.3130** is a dark color, and the websafe version is hex **CC3333**, and the color name is **greyed red (ginshu)**. A complement of this color would be **141.6990, 22.8264, -88.3130**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.8410, -28.5156, 93.1014**, and **37.9730, -18.7207, 78.0767** is the 20% darker color. If you saturate the color by 10%, you get **74.5690, -25.9165, 99.4790**, and if you desaturate by 10%, it is **100.0330, -19.7363, 77.1471**.

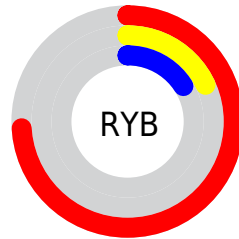
Distribution



Red (74%)

Green (18%)

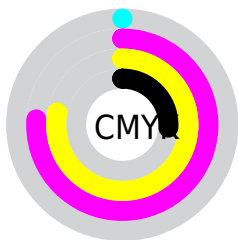
Blue (16%)



Red (74%)

Yellow (18%)

Blue (16%)

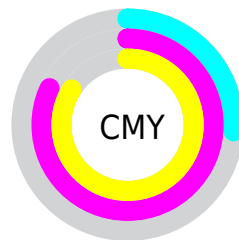


Cyan (0%)

Magenta (76%)

Yellow (78%)

Black (26%)



Cyan (26%)


Magenta (82%)


Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the YUV color 87.3010, -22.8264, 88.3130 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 87.3010, -22.8264, 88.3130 by changing the saturation by 10% instead.


 87.3010, -22.8264,
88.3130


 87.3010, -22.8264,
88.3130


255.0000, 0.0000,
0.0000

 49.8100, -14.6963,
94.0056


 144.8410,
-28.5156, 93.1014


 37.9730, -18.7207,
78.0767


 165.3230,
-26.2882, 78.6467


 28.7040, -14.1511,
59.0186

 184.7230,
-23.0344, 61.6329

 20.2610, -9.0027,
40.9901

 204.7100,
-20.0700, 44.1043

 11.1770, -5.0173,
22.6468

 224.2240,
-16.3794, 26.9906

 0.0000, 0.0000,
0.0000

 245.0260,

-12.8308, 8.7472

254.2020, -3.0576,
0.6998

87.3010, -22.8264,
88.3130

87.3010, -22.8264,
88.3130

74.5690, -25.9165,
99.4790

100.0330,
-19.7363, 77.1471

61.2500, -28.7172,
111.1598

113.3520,
-16.9355, 65.4663

59.1470, -29.1595,
113.0041

125.9700,
-14.2822, 54.4003

138.7020,
-11.1921, 43.2343

151.4340, -8.1020,
32.0684

■ 164.7530, -5.3012,
20.3876

■ 177.4850, -2.2111,
9.2217

■ 190.1030, 0.4422,
-1.8443

■ 203.4220, 3.2430,
-13.5251

Harmonies

Analogous

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



78.2280, 8.2686, 101.5320



87.3010, -22.8264, 88.3130



93.3270, -46.0102, 57.5952

Triad

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



87.3010, -22.8264, 88.3130



75.7980, -14.1974, -66.4748



85.8030, 62.2151, -75.2492

Complementary

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



87.3010, -22.8264, 88.3130



141.6990, 22.8264, -88.3130

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.



92.0660, 53.2115, -80.7419



87.3010, -22.8264, 88.3130



84.2850, 10.7055, -73.9179

Square

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



87.3010, -22.8264, 88.3130



83.6620, -41.2454, -24.2596



90.5550, 34.7294, -79.4167



100.9440, 45.3836, 3.5571

Rectangle

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



87.3010, -22.8264, 88.3130



94.3470, -46.5131, 32.1447



90.5550, 34.7294, -79.4167



89.3250, 60.4788, -78.3380

Sweetspot

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



87.3010, -22.8264, 88.3130



206.2170, -8.9810, 34.0127



101.4830, 41.6669, 75.8754



98.7530, -5.3012, 20.3876



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.



87.3010, -22.8264, 88.3130



87.2920, -35.6400, 138.3099



129.5650, -43.6625, 51.2475



87.6910, -1.3267, 5.5330



49.5900, -24.4479, 95.0756



9.8560, -4.8590, 18.5433

Inverse Universe

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



141.6990, 22.8264, -88.3130



172.7080, 35.6400, -138.3099



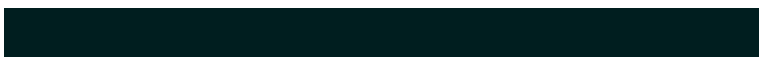
99.4350, 43.6625, -51.2475



91.3090, 1.3267, -5.5330



108.4100, 24.4479, -95.0756



21.1440, 4.8590, -18.5433

Previews

White Background



This preview shows how the YUV color 87.3010, -22.8264, 88.3130 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 87.3010, -22.8264, 88.3130 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 87.3010, -22.8264, 88.3130

Background



This preview shows how black text looks on a background with the YUV color 87.3010, -22.8264, 88.3130.



This preview shows how white text looks on a background with the YUV color 87.3010, -22.8264,

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

87.3010, -22.8264, 88.3130

Protanopia

98.9740, -20.6932, 10.5468

Deuteranopia

97.7450, -33.3983, 25.6566



Tritanopia

87.1700, -20.7898, 88.4279

Trichromacy



Original Color

87.3010, -22.8264, 88.3130

Protanomaly

94.9220, -21.6535, 38.6564

Deuteranomaly

93.6260, -29.3956, 48.5630

Tritanomaly

87.0560, -21.2266, 88.5279

Monochromacy



Original Color

87.3010, -22.8264, 88.3130

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.3200, -8.5388, 32.1684

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.3010, -22.8264, 88.3130 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, 45, 41)` looks like.

```
.text, #text, p{  
    color:rgb(188, 45, 41)  
}
```

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, 45, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 45, 41) }
```

Border

The CSS property to change the border of an element to YUV 87.3010, -22.8264, 88.3130 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, 45, 41) }
```


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

```
.border{ border-color:rgb(188, 45, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 45, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 45, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 45, 41);  
box-shadow:4px 4px 4px 4px rgb(188, 45,  
41) }
```

Background

The CSS property to change the background color of an element to YUV 87.3010, -22.8264, 88.3130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 45, 41) }
```

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

```
.background{ background-color: rgb(188, 45,  
41) }
```

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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