

Converting Colors

YUV(69.5210, -13.0749,
87.2431)

Have a look what the booklet for
YUV(69.5210, -13.0749, 87.2431)
contains.

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Color

**YUV(69.5210, -13.0749,
87.2431)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | A9182B |
| RGB | 169, 24, 43 |
| RGB Percent | 66%, 9%, 17% |
| CMY | 0.3373, 0.9059, 0.8314 |
| CMYK | 0.00, 0.86, 0.75, 0.34 |
| HSL | 352°, 75%, 38% |
| HSV | 352°, 86%, 66% |
| XYZ | 17.1249, 9.2627, 3.1708 |
| YIQ | 69.5210, 80.3210, 36.6490 |

Conversions

Conversions Part 2

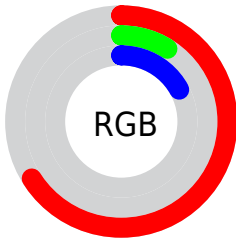
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 169, 24, 43 |
| Decimal | 11081771 |
| CIE _{Lab} | 36.49, 56.17, 28.96 |
| CIE _{LCh} | 36, 63.197, 27.274 |
| Yxy | 9.2627, 0.5794, 0.3134 |
| Android (android.graphics.Color) | 4289271851 (0xFFA9182B) |
| YUV | 69.5210, -13.0749, 87.2431 |
| Hunter-Lab | 30.4347, 47.1769, 15.1272 |

Details

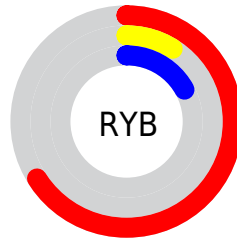
The YUV color **69.5210, -13.0749, 87.2431** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **123.4790, 13.0749, -87.2431**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.6970, -20.0636, 88.8427**, and **32.5910, -16.0674, 67.0107** is the 20% darker color. If you saturate the color by 10%, you get **57.8320, -14.7072, 97.4943**, and if you desaturate by 10%, it is **81.2100, -11.4425, 76.9918**.

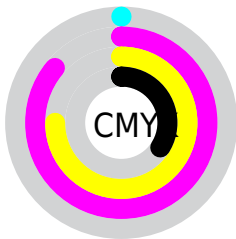
Distribution



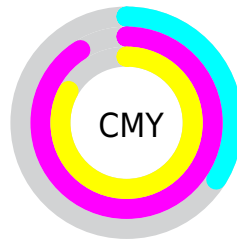
- Red (66%)
- Green (9%)
- Blue (17%)



- Red (66%)
- Yellow (9%)
- Blue (17%)



- Cyan (0%)
- Magenta (86%)
- Yellow (75%)
- Black (34%)





- Cyan (34%)
- Magenta (91%)
- Yellow (83%)
- Black (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 69.5210, -13.0749, 87.2431 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 69.5210, -13.0749, 87.2431 by changing the saturation by 10% instead.


 69.5210, -13.0749,
87.2431

 69.5210, -13.0749,
87.2431


255.0000, 0.0000,
0.0000


 44.0690, -10.8800,
83.2545


 129.6970,
-20.0636, 88.8427

 32.5910, -16.0674,
67.0107

 156.0450,
-21.2212, 86.7835


 23.6210, -11.6452,
48.5674

 175.3310,
-18.4042, 69.8697

 15.4770, -6.6442,
31.1537

 194.8450,
-14.7136, 52.7559

 0.0000, 0.0000,
0.0000

 214.9460,
-11.3124, 35.1274

 235.1610, -7.4744,

17.3988

254.2020, -3.0576,
0.6998

69.5210, -13.0749,
87.2431

69.5210, -13.0749,
87.2431

57.8320, -14.7072,
97.4943

81.2100, -11.4425,
76.9918

53.0390, -15.3022,
101.6978

92.7850, -10.2470,
66.8406

104.4740, -8.6147,
56.5893

116.1630, -6.9824,
46.3380

127.1510, -5.4974,
36.7016

■ 138.8400, -3.8651,
26.4503

■ 150.5290, -2.2328,
16.1991

■ 162.1040, -1.0373,
6.0478

■ 173.7930, 0.5951,
-4.2035

Harmonies

Analogous

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



61.1330, 15.7104, 94.5994



69.5210, -13.0749, 87.2431



78.2870, -38.5955, 59.3843

Triad

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



69.5210, -13.0749, 87.2431



63.1970, -19.3241, -55.4238



76.7240, 55.3521, -67.2869

Complementary

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



69.5210, -13.0749, 87.2431



123.4790, 13.0749, -87.2431

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.



80.6560, 45.0326, -70.7353



69.5210, -13.0749, 87.2431



71.3420, 4.2684, -62.5669

Square

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



69.5210, -13.0749, 87.2431



73.9930, -36.4785, -13.1489



77.7430, 26.2557, -68.1806



83.0510, 46.3169, -15.8307

Rectangle

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



69.5210, -13.0749, 87.2431



81.3890, -40.1248, 36.4928



77.7430, 26.2557, -68.1806



78.7300, 52.8841, -69.0462

Sweetspot

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



69.5210, -13.0749, 87.2431



179.9550, -4.9078, 34.2425



78.2040, 44.7624, 62.9651



86.6220, -3.2646, 20.5025



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



69.5210, -13.0749, 87.2431



68.7870, -19.6150, 131.7368



98.4660, -36.7117, 61.8583



78.5060, -0.7425, 4.8182



46.4180, -13.5171, 89.0874



6.3220, -1.6377, 11.9956

Inverse Universe

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



69.5210, -13.0749, 87.2431



68.7870, -19.6150, 131.7368



94.5340, 36.7117, -61.8583



78.5060, -0.7425, 4.8182



46.4180, -13.5171, 89.0874



6.3220, -1.6377, 11.9956

Previews

White Background



This preview shows how the YUV color 69.5210, -13.0749, 87.2431 looks on a white background.

Color Contrast Check

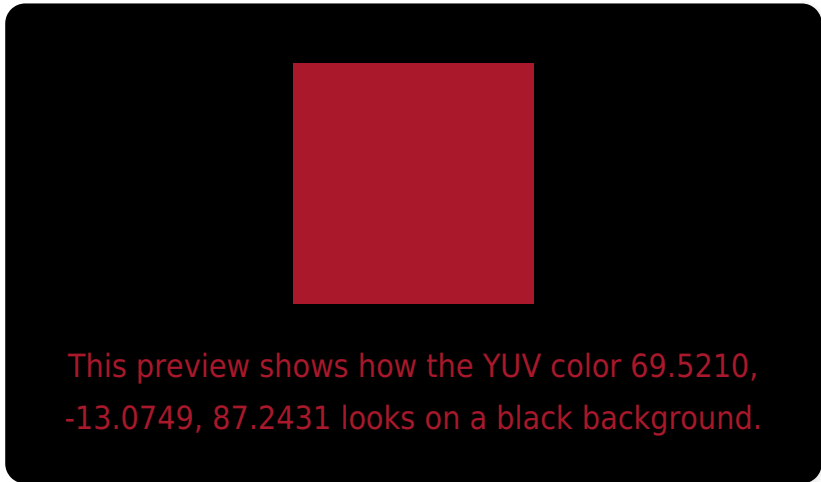
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

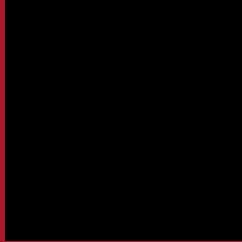
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 69.5210, -13.0749, 87.2431

Background



This preview shows how black text looks on a background with the YUV color 69.5210, -13.0749, 87.2431.



This preview shows how white text looks on a background with the YUV color 69.5210, -13.0749,

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

69.5210, -13.0749, 87.2431

Protanopia

86.3570, -11.5150, 6.7029

Deuteranopia

85.1880, -25.2357, 20.8831



Tritanopia

69.9310, -21.6580, 86.8835

Trichromacy



Original Color

69.5210, -13.0749, 87.2431

Protanomaly

80.1310, -11.8966, 35.8421

Deuteranomaly

79.7810, -21.0910, 44.9191

Tritanomaly

70.0280, -18.7478, 86.7984

Monochromacy



Original Color

69.5210, -13.0749, 87.2431

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.6450, -4.7550, 31.8833

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.5210, -13.0749, 87.2431 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(169, 24, 43)` looks like.

```
.text, #text, p{  
    color:rgb(169, 24, 43)  
}
```

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(169, 24, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 24, 43) }
```

Border

The CSS property to change the border of an element to YUV 69.5210, -13.0749, 87.2431 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(169, 24, 43) }
```


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

```
.border{ border-color:rgb(169, 24, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 24, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 24, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 24, 43);  
box-shadow:4px 4px 4px 4px rgb(169, 24,  
43) }
```

Background

The CSS property to change the background color of an element to YUV 69.5210, -13.0749, 87.2431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 24, 43) }
```

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

```
.background{ background-color: rgb(169, 24,  
43) }
```

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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