

Converting Colors

YUV(87.4220, -9.5750, 84.6989)

Have a look what the booklet for
YUV(87.4220, -9.5750, 84.6989)
contains.

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Color

**YUV(87.4220, -9.5750,
84.6989)**

Conversions

Conversions Part 1

Format	Color
Hex	B82A44
RGB	184, 42, 68
RGB Percent	72%, 16%, 27%
CMY	0.2784, 0.8353, 0.7333
CMYK	0.00, 0.77, 0.63, 0.28
HSL	349°, 63%, 44%
HSV	349°, 77%, 72%
XYZ	21.6385, 12.2636, 6.6955
YIQ	87.4220, 76.2860, 38.1900

Conversions

Conversions Part 2

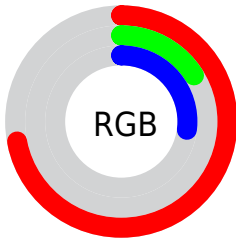
Format	Color
RYB	184, 42, 68
Decimal	12069444
CIELab	41.63, 56.89, 20.42
CIELCh	42, 60.445, 19.749
Yxy	12.2636, 0.5330, 0.3021
Android (android.graphics.Color)	4290259524 (0xFFB82A44)
YUV	87.4220, -9.5750, 84.6989
Hunter-Lab	35.0195, 49.0110, 13.1778

Details

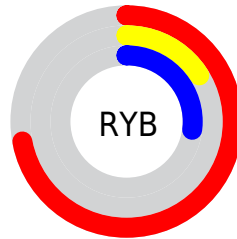
The YUV color **87.4220, -9.5750, 84.6989** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **138.5780, 9.5750, -84.6989**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.4780, -14.5327, 88.1578**, and **40.0400, -6.9217, 73.6329** is the 20% darker color. If you saturate the color by 10%, you get **75.1460, -10.9180, 95.4650**, and if you desaturate by 10%, it is **99.6980, -8.2321, 73.9329**.

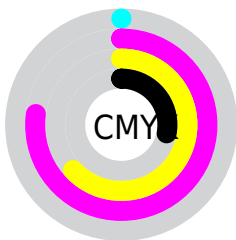
Distribution



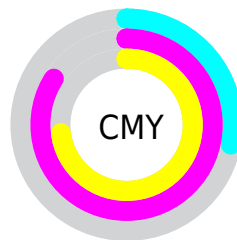
- Red (72%)
- Green (16%)
- Blue (27%)



- Red (72%)
- Yellow (16%)
- Blue (27%)



- Cyan (0%)
- Magenta (77%)
- Yellow (63%)
- Black (28%)



- Cyan (28%)
- Magenta (84%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.4220, -9.5750, 84.6989 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 87.4220, -9.5750, 84.6989 by changing the saturation by 10% instead.

87.4220, -9.5750,
84.6989

87.4220, -9.5750,
84.6989

255.0000, 0.0000,
0.0000

51.2900, -2.6080,
90.0767

145.4780,
-14.5327, 88.1578

40.0400, -6.9217,
73.6329

167.4550,
-13.0423, 76.7770

28.4050, -14.0037,
58.4038

186.9690, -9.3517,
59.6632

19.9620, -8.8553,
40.3753

207.0700, -5.9505,
42.0346

10.5790, -4.7224,
21.4172

227.2850, -2.1125,
24.3061

0.0000, 0.0000,
0.0000

247.5000, 1.7255,

6.5775

■ 87.4220, -9.5750,
84.6989

■ 87.4220, -9.5750,
84.6989

■ 75.1460, -10.9180,
95.4650

■ 99.6980, -8.2321,
73.9329

■ 62.2830, -11.9715,
106.7458

■ 112.5610, -7.1786,
62.6520

■ 58.8920, -12.2718,
109.7197

■ 124.8370, -5.8356,
51.8860

■ 137.7000, -4.7821,
40.6051

■ 149.9760, -3.4392,
29.8390

■ 162.2520, -2.0962,
19.0730

■ 175.1150, -1.0427,
7.7921

■ 187.3910, 0.3002,
-2.9739

■ 200.2540, 1.3538,
-14.2548

Harmonies

Analogous

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



90.3280, 13.1493, 76.0113



87.4220, -9.5750, 84.6989



91.4280, -35.7070, 66.2766

Triad

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



87.4220, -9.5750, 84.6989



71.0670, -22.2180, -60.5718



86.4410, 54.5056, -75.8088

Complementary

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



87.4220, -9.5750, 84.6989



138.5780, 9.5750, -84.6989

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.



89.1020, 41.8547, -78.1425



87.4220, -9.5750, 84.6989



78.8590, 0.0695, -69.1593

Square

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



87.4220, -9.5750, 84.6989



88.5340, -43.6473, -0.4683



85.3740, 22.4936, -74.8730



91.5430, 50.0183, -36.4332

Rectangle

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



87.4220, -9.5750, 84.6989



92.3750, -45.5409, 47.0291



85.3740, 22.4936, -74.8730



88.2190, 51.1640, -77.3681

Sweetspot

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



87.4220, -9.5750, 84.6989



202.5850, -3.7394, 32.8130



92.8720, 44.9261, 57.1173



96.8500, -2.3910, 20.3026



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.



87.4220, -9.5750, 84.6989



88.3510, -14.9630, 132.9962



110.8730, -33.9544, 64.1324



85.8050, -0.8899, 5.4330



49.8360, -10.7651, 93.1058



8.9420, -1.9434, 16.7139

Inverse Universe

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



87.4220, -9.5750, 84.6989



88.3510, -14.9630, 132.9962



115.1270, 33.9544, -64.1324



85.8050, -0.8899, 5.4330



49.8360, -10.7651, 93.1058



8.9420, -1.9434, 16.7139

Previews

White Background



This preview shows how the YUV color 87.4220, -9.5750, 84.6989 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 87.4220, -9.5750, 84.6989 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 87.4220, -9.5750, 84.6989

Background



This preview shows how black text looks on a background with the YUV color 87.4220, -9.5750, 84.6989.



This preview shows how white text looks on a background with the YUV color 87.4220, -9.5750,

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

87.4220, -9.5750, 84.6989

Protanopia

99.3980, -3.6472, 3.1590

Deuteranopia

98.5990, -18.5363, 18.7687



Tritanopia

87.1910, -19.3212, 84.0245

Trichromacy



Original Color

87.4220, -9.5750, 84.6989

Protanomaly

94.7160, -5.7760, 32.6981

Deuteranomaly

94.6650, -15.1178, 42.3898

Tritanomaly

87.4020, -15.9742, 83.8394

Monochromacy



Original Color

87.4220, -9.5750, 84.6989

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.2750, -3.5866, 30.4538

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.4220, -9.5750, 84.6989 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(184, 42, 68)` looks like.

```
.text, #text, p{  
    color:rgb(184, 42, 68)  
}
```

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(184, 42, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 42, 68) }
```

Border

The CSS property to change the border of an element to YUV 87.4220, -9.5750, 84.6989 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(184, 42, 68) }
```


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

```
.border{ border-color:rgb(184, 42, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 42, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 42, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 42, 68);  
box-shadow:4px 4px 4px 4px rgb(184, 42,  
68) }
```

Background

The CSS property to change the background color of an element to YUV 87.4220, -9.5750, 84.6989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 42, 68) }
```

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

```
.background{ background-color: rgb(184, 42,  
68) }
```

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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