

Converting Colors

YUV(75.2610, -15.4117,
90.1021)

Have a look what the booklet for
YUV(75.2610, -15.4117, 90.1021)
contains.

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Color

**YUV(75.2610, -15.4117,
90.1021)**

Conversions

Conversions Part 1

Format	Color
Hex	B21D2C
RGB	178, 29, 44
RGB Percent	70%, 11%, 17%
CMY	0.3020, 0.8863, 0.8275
CMYK	0.00, 0.84, 0.75, 0.30
HSL	354°, 72%, 41%
HSV	354°, 84%, 70%
XYZ	19.2541, 10.5256, 3.3997
YIQ	75.2610, 83.9890, 36.2530

Conversions

Conversions Part 2

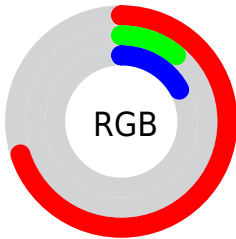
Format	Color
RYB	178, 29, 44
Decimal	11672876
CIELab	38.77, 57.58, 31.45
CIELCh	39, 65.606, 28.647
Yxy	10.5256, 0.5803, 0.3172
Android (android.graphics.Color)	4289862956 (0xFFB21D2C)
YUV	75.2610, -15.4117, 90.1021
Hunter-Lab	32.4431, 49.1593, 16.4972

Details

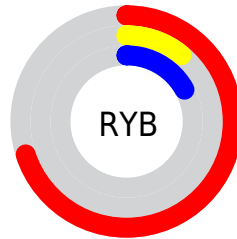
The YUV color **75.2610, -15.4117, 90.1021** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **131.7390, 15.4117, -90.1021**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.7360, -22.5478, 92.3165**, and **34.9830, -17.2466, 71.9289** is the 20% darker color. If you saturate the color by 10%, you get **62.8710, -17.1914, 100.9681**, and if you desaturate by 10%, it is **87.6510, -13.6319, 79.2361**.

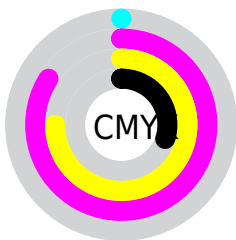
Distribution



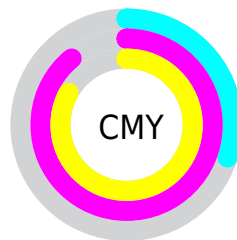
- Red (70%)
- Green (11%)
- Blue (17%)



- Red (70%)
- Yellow (11%)
- Blue (17%)



- Cyan (0%)
- Magenta (84%)
- Yellow (75%)
- Black (30%)



- Cyan (30%)
- Magenta (89%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.2610, -15.4117, 90.1021 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 75.2610, -15.4117, 90.1021 by changing the saturation by 10% instead.

■ 75.2610, -15.4117,
90.1021

■ 75.2610, -15.4117,
90.1021

255.0000, 0.0000,
0.0000

■ 46.5750, -11.6225,
88.0727

■ 135.7360,
-22.5478, 92.3165

■ 34.9830, -17.2466,
71.9289

■ 159.0940,
-22.2313, 84.1096

■ 26.0130, -12.8244,
53.4856

■ 178.4940,
-18.9775, 67.0958

■ 17.8690, -7.8234,
36.0719

■ 197.8940,
-15.7237, 50.0820

■ 6.2790, -3.0955,
12.9103

■ 218.1090,
-11.8857, 32.3534

■ 0.0000, 0.0000,
0.0000

■ 238.3240, -8.0477,

14.6249

254.4300, -2.1840,
0.4999

■ 75.2610, -15.4117,
90.1021

■ 75.2610, -15.4117,
90.1021

■ 62.8710, -17.1914,
100.9681

■ 87.6510, -13.6319,
79.2361

■ 55.2740, -18.3761,
107.6307

■ 100.0410,
-11.8522, 68.3700

■ 111.8440, -9.7831,
58.0188

■ 124.2340, -8.0034,
47.1528

■ 136.6240, -6.2236,
36.2868

■ 149.0140, -4.4439,
25.4207

■ 161.4040, -2.6642,
14.5547

■ 173.2070, -0.5951,
4.2035

■ 185.5970, 1.1847,
-6.6626

Harmonies

Analogous

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



65.3510, 15.1100, 100.5472



75.2610, -15.4117, 90.1021



83.9020, -41.3637, 60.5989

Triad

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



75.2610, -15.4117, 90.1021



67.8760, -19.1659, -59.5273



80.7990, 58.2731, -70.8607

Complementary

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



75.2610, -15.4117, 90.1021



131.7390, 15.4117, -90.1021

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.



85.4320, 48.1010, -74.9239



75.2610, -15.4117, 90.1021



76.2490, 5.3002, -66.8704

Square

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



75.2610, -15.4117, 90.1021



78.7000, -38.7991, -15.5229



82.9920, 28.5979, -72.7840



89.7140, 47.4690, -12.0272

Rectangle

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



75.2610, -15.4117, 90.1021



86.7050, -42.7456, 37.0927



82.9920, 28.5979, -72.7840



83.5060, 55.9525, -73.2348

Sweetspot

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



75.2610, -15.4117, 90.1021



192.0260, -5.9288, 35.0572



85.4540, 45.6252, 66.2538



92.9210, -3.4121, 21.1173



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



75.2610, -15.4117, 90.1021



71.9900, -24.1521, 140.3288



107.0100, -38.4589, 62.2582



82.8050, -0.8899, 5.4330



47.4570, -16.0013, 92.5612



8.1160, -2.5222, 15.6843

Inverse Universe

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



75.2610, -15.4117, 90.1021



71.9900, -24.1521, 140.3288



99.9900, 38.4589, -62.2582



82.8050, -0.8899, 5.4330



47.4570, -16.0013, 92.5612



8.1160, -2.5222, 15.6843

Previews

White Background



This preview shows how the YUV color 75.2610, -15.4117, 90.1021 looks on a white background.

Color Contrast Check

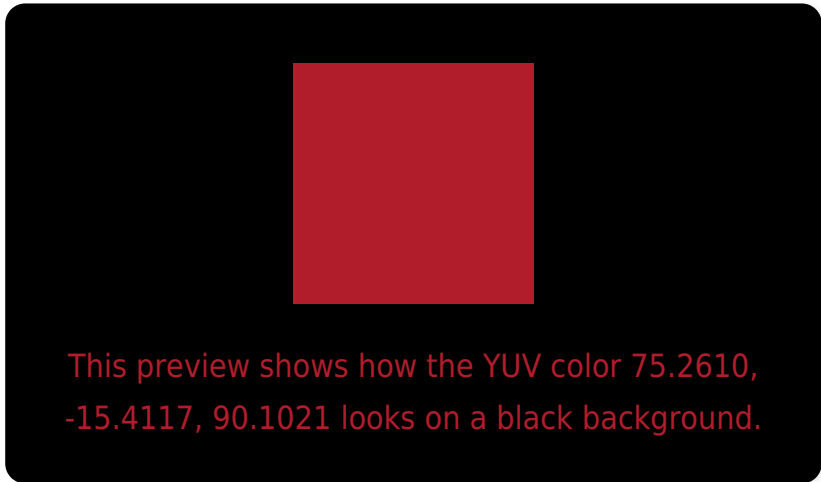
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 75.2610, -15.4117, 90.1021

Background



This preview shows how black text looks on a background with the YUV color 75.2610, -15.4117, 90.1021.



This preview shows how white text looks on a background with the YUV color 75.2610, -15.4117,

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

75.2610, -15.4117, 90.1021

Protanopia

91.7870, -13.6990, 7.2028

Deuteranopia

90.2160, -27.7145, 22.6126



Tritanopia

75.5400, -21.9582, 89.8574

Trichromacy



Original Color

75.2610, -15.4117, 90.1021

Protanomaly

85.8600, -14.2280, 36.9568

Deuteranomaly

85.2220, -23.2804, 47.1633

Tritanomaly

75.5230, -19.4848, 89.8723

Monochromacy



Original Color

75.2610, -15.4117, 90.1021

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

74.8300, -5.3392, 32.5981

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.2610, -15.4117, 90.1021 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(178, 29, 44)` looks like.

```
.text, #text, p{  
    color:rgb(178, 29, 44)  
}
```

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(178, 29, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 29, 44) }
```

Border

The CSS property to change the border of an element to YUV 75.2610, -15.4117, 90.1021 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(178, 29, 44) }
```


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

```
.border{ border-color:rgb(178, 29, 44) }
```

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

Here you see how a box with a 4 pixel rgb(178, 29, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 29, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 29, 44);  
box-shadow:4px 4px 4px 4px rgb(178, 29,  
44) }
```

Background

The CSS property to change the background color of an element to YUV 75.2610, -15.4117, 90.1021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 29, 44) }
```

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

```
.background{ background-color: rgb(178, 29,  
44) }
```

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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