

Converting Colors

YUV(76.5200, -21.4554,
115.3080)

Have a look what the booklet for
YUV(76.5200, -21.4554, 115.3080)
contains.

YUV(76.5200, -21.4554, 115.3080)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(76.5200, -21.4554,
115.3080)**

Conversions

Conversions Part 1

Format	Color
Hex	D01221
RGB	208, 18, 33
RGB Percent	82%, 7%, 13%
CMY	0.1843, 0.9294, 0.8706
CMYK	0.00, 0.91, 0.84, 0.18
HSL	355°, 84%, 44%
HSV	355°, 91%, 82%
XYZ	26.5032, 13.9523, 2.7350
YIQ	76.5200, 108.4250, 44.9450

Conversions

Conversions Part 2

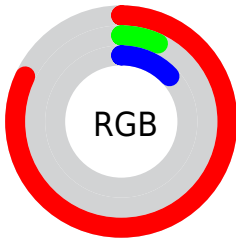
Format	Color
RYB	208, 18, 33
Decimal	13636129
CIELab	44.16, 67.33, 45.16
CIELCh	44, 81.069, 33.852
Yxy	13.9523, 0.6136, 0.3230
Android (android.graphics.Color)	4291826209 (0xFFD01221)
YUV	76.5200, -21.4554, 115.3080
Hunter-Lab	37.3528, 61.2852, 21.8056

Details

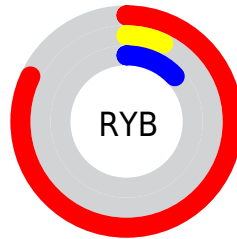
The YUV color **76.5200, -21.4554, 115.3080** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **149.4800, 21.4554, -115.3080**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.6680, -29.4163, 102.0232**, and **43.0560, -21.2266, 88.5279** is the 20% darker color. If you saturate the color by 10%, you get **64.0160, -23.6719, 126.2740**, and if you desaturate by 10%, it is **91.0130, -19.2334, 102.5976**.

Distribution



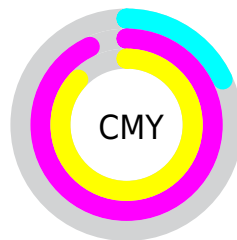
- Red (82%)
- Green (7%)
- Blue (13%)



- Red (82%)
- Yellow (7%)
- Blue (13%)



- Cyan (0%)
- Magenta (91%)
- Yellow (84%)
- Black (18%)



- Cyan (18%)
- Magenta (93%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.5200, -21.4554, 115.3080 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 76.5200, -21.4554, 115.3080 by changing the saturation by 10% instead.

■ 76.5200, -21.4554,
115.3080

■ 76.5200, -21.4554,
115.3080

255.0000, 0.0000,
0.0000

■ 53.8780, -21.1389,
107.1010

■ 138.6680,
-29.4163, 102.0232

■ 43.0560, -21.2266,
88.5279

■ 159.1280,
-27.1781, 84.0797

■ 33.4880, -16.5096,
68.8550

■ 179.0010,
-24.6505, 66.6511

■ 24.7460, -11.2138,
50.2118

■ 198.9880,
-21.6861, 49.1225

■ 15.7760, -6.7916,
31.7684

■ 219.0890,
-18.2849, 31.4939

■ 0.0000, 0.0000,
0.0000

■ 239.8910,

-14.7363, 13.2506

253.1760, -6.9888,
1.5996

76.5200, -21.4554,
115.3080

76.5200, -21.4554,
115.3080

64.0160, -23.6719,
126.2740

91.0130, -19.2334,
102.5976

105.5060,
-17.0115, 89.8872

119.4120,
-14.5001, 77.6917

134.0190,
-11.8414, 64.8813

148.5120, -9.6194,
52.1710

■ 163.0050, -7.3975,
39.4606

■ 177.4980, -5.1755,
26.7503

■ 191.4040, -2.6642,
14.5547

■ 205.8970, -0.4422,
1.8443

Harmonies

Analogous

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



76.1690, 11.2557, 123.5088



76.5200, -21.4554, 115.3080



96.3390, -47.4951, 67.2317

Triad

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



76.5200, -21.4554, 115.3080



79.4680, -20.4437, -69.6934



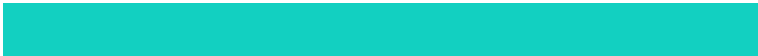
93.3320, 73.2933, -81.8522

Complementary

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



76.5200, -21.4554, 115.3080



149.4800, 21.4554, -115.3080

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.



99.8400, 62.6899, -87.5597



76.5200, -21.4554, 115.3080



89.6650, 11.0112, -78.6362

Square

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



76.5200, -21.4554, 115.3080



83.8840, -41.3548, -35.8553



97.3030, 40.2766, -85.3347



103.7940, 56.3036, 1.0577

Rectangle

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



76.5200, -21.4554, 115.3080



98.5000, -48.5605, 35.5185



97.3030, 40.2766, -85.3347



96.7400, 71.1202, -84.8410

Sweetspot

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



76.5200, -21.4554, 115.3080



207.3150, -7.5503, 41.8197



91.6860, 57.3428, 87.9754



99.6010, -4.7333, 24.9059



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



76.5200, -21.4554, 115.3080



78.5250, -28.8528, 154.7686



121.1830, -50.8692, 76.1385



97.4030, -1.1847, 6.6626



51.7140, -19.0860, 101.9828



12.6010, -4.7333, 24.9059

Inverse Universe

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



76.5200, -21.4554, 115.3080



78.5250, -28.8528, 154.7686



104.8170, 50.8692, -76.1385



97.4030, -1.1847, 6.6626



51.7140, -19.0860, 101.9828



12.6010, -4.7333, 24.9059

Previews

White Background



This preview shows how the YUV color 76.5200, -21.4554, 115.3080 looks on a white background.

Color Contrast Check

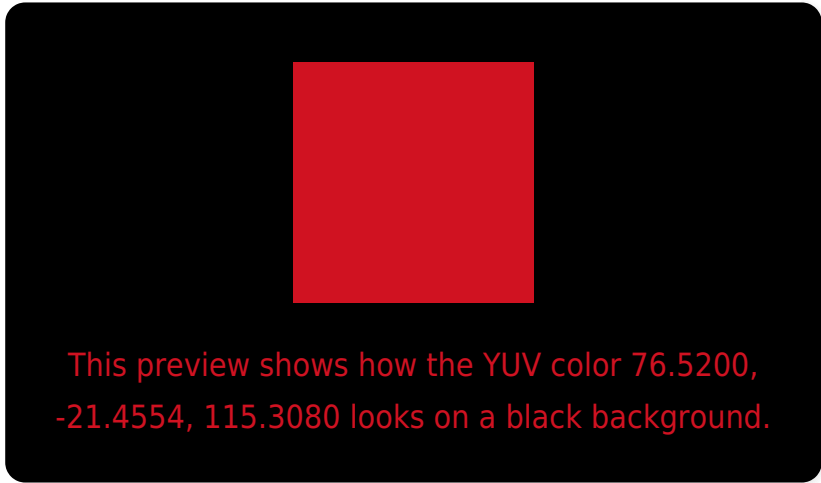
Large Text (above 18pt) WCAG AA ✓ Pass

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 76.5200, -21.4554, 115.3080

Background



This preview shows how black text looks on a background with the YUV color 76.5200, -21.4554, 115.3080.



This preview shows how white text looks on a background with the YUV color 76.5200, -21.4554,

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

76.5200, -21.4554, 115.3080

Protanopia

103.2470, -24.7718, 12.0614

Deuteranopia

99.1080, -47.3812, 30.6003



Tritanopia

76.7020, -30.9121, 115.1483

Trichromacy



Original Color

76.5200, -21.4554, 115.3080

Protanomaly

93.5320, -23.4333, 49.5224

Deuteranomaly

90.8250, -37.8747, 61.5435

Tritanomaly

76.9130, -27.5651, 114.9633

Monochromacy



Original Color

76.5200, -21.4554, 115.3080

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

77.2010, -7.9871, 41.9197

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.5200, -21.4554, 115.3080 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(208, 18, 33)` looks like.

```
.text, #text, p{  
    color:rgb(208, 18, 33)  
}
```

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(208, 18, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 18, 33) }
```

Border

The CSS property to change the border of an element to YUV 76.5200, -21.4554, 115.3080 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(208, 18, 33) }
```


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

```
.border{ border-color:rgb(208, 18, 33) }
```

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

Here you see how a box with a 4 pixel rgb(208, 18, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 18, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 18, 33);  
box-shadow:4px 4px 4px 4px rgb(208, 18,  
33) }
```

Background

The CSS property to change the background color of an element to YUV 76.5200, -21.4554, 115.3080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 18, 33) }
```

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

```
.background{ background-color: rgb(208, 18,  
33) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor