

Converting Colors

YUV(113.8100, -21.5983,
67.6956)

Have a look what the booklet for
YUV(113.8100, -21.5983, 67.6956)
contains.

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Color

**YUV(113.8100, -21.5983,
67.6956)**

Conversions

Conversions Part 1

Format	Color
Hex	BF5346
RGB	191, 83, 70
RGB Percent	75%, 33%, 27%
CMY	0.2510, 0.6745, 0.7255
CMYK	0.00, 0.57, 0.63, 0.25
HSL	6°, 49%, 51%
HSV	6°, 63%, 75%
XYZ	25.6846, 17.7051, 7.8580
YIQ	113.8100, 68.5410, 18.8530

Conversions

Conversions Part 2

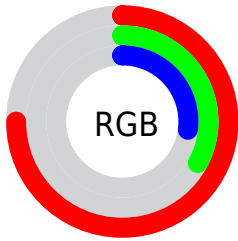
Format	Color
RYB	191, 85, 70
Decimal	12538694
CIELab	49.14, 42.50, 29.04
CIElCh	49, 51.469, 34.343
Yxy	17.7051, 0.5012, 0.3455
Android (android.graphics.Color)	4290728774 (0xFFBF5346)
YUV	113.8100, -21.5983, 67.6956
Hunter-Lab	42.0774, 35.3233, 18.3816

Details

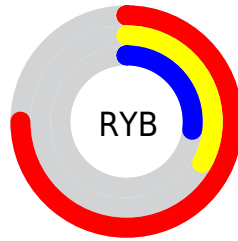
The YUV color **113.8100, -21.5983, 67.6956** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **147.1900, 21.5983, -67.6956**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.7460, -24.5248, 73.0138**, and **60.0420, -16.7827, 63.1072** is the 20% darker color. If you saturate the color by 10%, you get **101.6650, -24.9778, 78.3468**, and if you desaturate by 10%, it is **125.9550, -18.2188, 57.0445**.

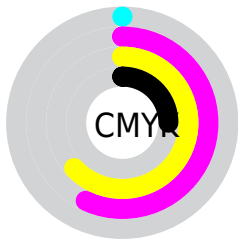
Distribution



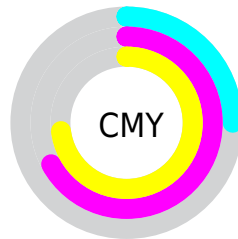
- Red (75%)
- Green (33%)
- Blue (27%)



- Red (75%)
- Yellow (33%)
- Blue (27%)



- Cyan (0%)
- Magenta (57%)
- Yellow (63%)
- Black (25%)



- Cyan (25%)
- Magenta (67%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.8100, -21.5983, 67.6956 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 113.8100, -21.5983, 67.6956 by changing the saturation by 10% instead.

■ 113.8100,
-21.5983, 67.6956

■ 113.8100,
-21.5983, 67.6956

■ 255.0000, 0.0000,
0.0000

■ 86.9560, -19.6983,
64.9366

■ 168.7460,
-24.5248, 73.0138

■ 60.0420, -16.7827,
63.1072

■ 188.3420,
-21.8606, 58.4591

■ 30.9110, -14.7461,
63.2221

■ 207.8560,
-18.1700, 41.3453

■ 22.1260, -10.9081,
45.4935

■ 227.3700,
-14.4794, 24.2315

■ 14.8790, -6.3493,
29.9241

■ 247.5850,
-10.6414, 6.5030

■ 0.0000, 0.0000,
0.0000

■ 113.8100,
-21.5983, 67.6956

■ 113.8100,
-21.5983, 67.6956

■ 101.6650,
-24.9778, 78.3468

■ 125.9550,
-18.2188, 57.0445

■ 89.5200, -28.3574,
88.9980

■ 138.1000,
-14.8393, 46.3933

■ 77.3750, -31.7369,
99.6491

■ 150.2450,
-11.4598, 35.7421

■ 69.4360, -34.2319,
106.6116

■ 162.3900, -8.0803,
25.0910

■ 174.6490, -4.2640,
14.3398

■ 186.7940, -0.8844,
3.6887

■ 198.9390, 2.4951,
-6.9625

■ 211.0840, 5.8746,

-17.6137

■ 223.2290, 9.2541,
-28.2648

Harmonies

Analogous

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



115.0980, -1.5273, 70.0741



113.8100, -21.5983, 67.6956



113.2210, -38.5630, 48.9182

Triad

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



113.8100, -21.5983, 67.6956



88.0230, -5.4343, -77.1962



93.6960, 54.3799, -82.1714

Complementary

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



113.8100, -21.5983, 67.6956



147.1900, 21.5983, -67.6956

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.



99.1270, 47.2654, -86.9344



113.8100, -21.5983, 67.6956



94.3270, 13.6428, -82.7248

Square

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



113.8100, -21.5983, 67.6956



105.7800, -33.4155, -15.5931



99.2290, 32.4251, -87.0238



119.0940, 34.4637, 6.0566

Rectangle

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



113.8100, -21.5983, 67.6956



111.5640, -45.6341, 30.2004



99.2290, 32.4251, -87.0238



96.0440, 53.2223, -84.2306

Sweetspot

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



113.8100, -21.5983, 67.6956



216.9880, -8.3751, 26.3205



118.6050, 29.7747, 63.4904



106.4320, -5.1430, 16.2841



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



113.8100, -21.5983, 67.6956



127.5390, -33.7897, 104.7673



149.0300, -38.9618, 36.8077



88.2780, -1.6161, 5.0182



57.2210, -28.2100, 88.3832



11.0300, -5.4378, 17.5137

Inverse Universe

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



147.1900, 21.5983, -67.6956



179.0480, 33.5003, -105.2821



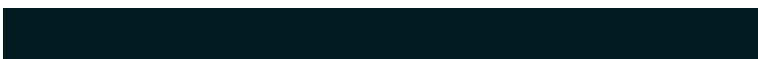
111.9700, 38.9618, -36.8077



90.7220, 1.6161, -5.0182



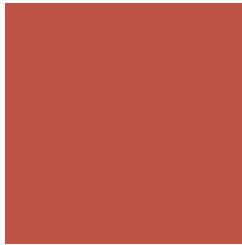
100.7790, 28.2100, -88.3832



19.3830, 5.7272, -16.9989

Previews

White Background



This preview shows how the YUV color 113.8100, -21.5983, 67.6956 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 113.8100, -21.5983, 67.6956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

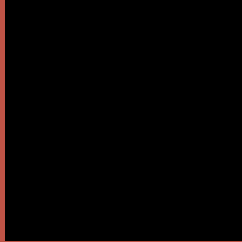
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 113.8100, -21.5983, 67.6956

Background



This preview shows how black text looks on a background with the YUV color 113.8100, -21.5983, 67.6956.



This preview shows how white text looks on a background with the YUV color 113.8100, -21.5983,

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

113.8100, -21.5983, 67.6956

Protanopia

115.8150, -16.1778, 8.9322

Deuteranopia

115.9110, -25.0991, 23.7571



Tritanopia

114.7590, -14.1782, 67.7404

Trichromacy



Original Color

113.8100, -21.5983, 67.6956

Protanomaly

115.3770, -18.4269, 30.3644

Deuteranomaly

114.7650, -23.5481, 39.6711

Tritanomaly

114.6620, -17.0884, 67.8254

Monochromacy



Original Color

113.8100, -21.5983, 67.6956

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.0910, -7.9329, 24.4762

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.8100, -21.5983, 67.6956 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(191, 83, 70)` looks like.

```
.text, #text, p{  
    color:rgb(191, 83, 70)  
}
```

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(191, 83, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 83, 70) }
```

Border

The CSS property to change the border of an element to YUV 113.8100, -21.5983, 67.6956 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(191, 83, 70) }
```


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

```
.border{ border-color:rgb(191, 83, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 83, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 83, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 83, 70);  
box-shadow:4px 4px 4px 4px rgb(191, 83,  
70) }
```

Background

The CSS property to change the background color of an element to YUV 113.8100, -21.5983, 67.6956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 83, 70) }
```

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

```
.background{ background-color: rgb(191, 83,  
70) }
```

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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