

Converting Colors

YUV(112.0490, -20.7302,
69.2400)

Have a look what the booklet for
YUV(112.0490, -20.7302, 69.2400)
contains.

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Color

**YUV(112.0490, -20.7302,
69.2400)**

Conversions

Conversions Part 1

Format	Color
Hex	BF5046
RGB	191, 80, 70
RGB Percent	75%, 31%, 27%
CMY	0.2510, 0.6863, 0.7255
CMYK	0.00, 0.58, 0.63, 0.25
HSL	5°, 49%, 51%
HSV	5°, 63%, 75%
XYZ	25.4600, 17.2559, 7.7832
YIQ	112.0490, 69.3660, 20.4220

Conversions

Conversions Part 2

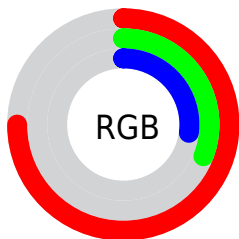
Format	Color
R_{YB}	191, 81, 70
Decimal	12537926
CIE _{Lab}	48.58, 43.95, 28.34
CIE _{LCh}	49, 52.294, 32.820
Yxy	17.2559, 0.5042, 0.3417
Android (android.graphics.Color)	4290728006 (0xFFBF5046)
YUV	112.0490, -20.7302, 69.2400
Hunter-Lab	41.5402, 36.7074, 17.9693

Details

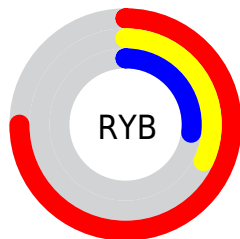
The YUV color **112.0490, -20.7302, 69.2400** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **148.9510, 20.7302, -69.2400**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.9850, -23.6566, 74.5582**, and **57.6940, -15.6251, 65.1664** is the 20% darker color. If you saturate the color by 10%, you get **99.3170, -23.8203, 80.4060**, and if you desaturate by 10%, it is **124.7810, -17.6400, 58.0741**.

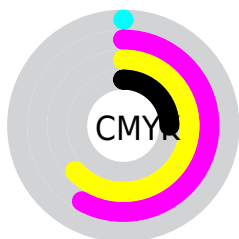
Distribution



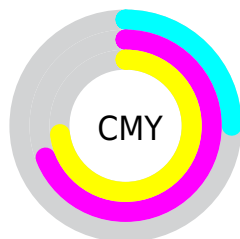
- Red (75%)
- Green (31%)
- Blue (27%)



- Red (75%)
- Yellow (32%)
- Blue (27%)



- Cyan (0%)
- Magenta (58%)
- Yellow (63%)
- Black (25%)



- Cyan (25%)
- Magenta (69%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.0490, -20.7302, 69.2400 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 112.0490, -20.7302, 69.2400 by changing the saturation by 10% instead.

■ 112.0490,
-20.7302, 69.2400

■ 112.0490,
-20.7302, 69.2400

■ 255.0000, 0.0000,
0.0000

■ 85.1950, -18.8301,
66.4810

■ 166.9850,
-23.6566, 74.5582

■ 57.6940, -15.6251,
65.1664

■ 186.5810,
-20.9924, 60.0035

■ 30.9110, -14.7461,
63.2221

■ 206.0950,
-17.3018, 42.8897

■ 22.1260, -10.9081,
45.4935

■ 225.6090,
-13.6112, 25.7759

■ 14.5800, -6.2019,
29.3093

■ 245.8240, -9.7732,
8.0474

■ 0.0000, 0.0000,
0.0000

■ 112.0490,
-20.7302, 69.2400

■ 112.0490,
-20.7302, 69.2400

■ 99.3170, -23.8203,
80.4060

■ 124.7810,
-17.6400, 58.0741

■ 87.1720, -27.1998,
91.0572

■ 136.9260,
-14.2605, 47.4229

■ 74.4400, -30.2899,
102.2231

■ 149.6580,
-11.1704, 36.2569

■ 66.5010, -32.7850,
109.1856

■ 161.8030, -7.7909,
25.6058

■ 174.6490, -4.2640,
14.3398

■ 186.7940, -0.8844,
3.6887

■ 199.5260, 2.2057,
-7.4773

■ 211.6710, 5.5852,

-18.1285

■ 224.4030, 8.6753,
-29.2944

Harmonies

Analogous

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



113.1520, -0.0749, 70.9037



112.0490, -20.7302, 69.2400



111.9330, -38.4210, 50.0478

Triad

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



112.0490, -20.7302, 69.2400



86.3930, -6.6027, -75.7667



93.1090, 54.6693, -81.6566

Complementary

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



112.0490, -20.7302, 69.2400



148.9510, 20.7302, -69.2400

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.



98.4260, 47.1180, -86.3196



112.0490, -20.7302, 69.2400



93.2840, 12.1850, -81.8101

Square

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



112.0490, -20.7302, 69.2400



104.3350, -35.1682, -13.4488



97.7130, 31.6935, -85.6943



117.7130, 35.6375, 2.8827

Rectangle

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



112.0490, -20.7302, 69.2400



110.2330, -46.9499, 32.2447



97.7130, 31.6935, -85.6943



95.9300, 52.7855, -84.1306

Sweetspot

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



112.0490, -20.7302, 69.2400



216.4010, -8.0857, 26.8353



119.0610, 31.5219, 63.0905



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.



112.0490, -20.7302, 69.2400



124.6040, -32.3428, 107.3413



146.6820, -37.8042, 38.8669



88.2780, -1.6161, 5.0182



54.8730, -27.0524, 90.4424



11.0300, -5.4378, 17.5137

Inverse Universe

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



148.9510, 20.7302, -69.2400



181.9830, 32.0534, -107.8561



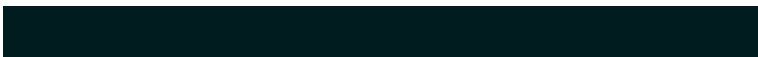
114.3180, 37.8042, -38.8669



91.3090, 1.3267, -5.5330



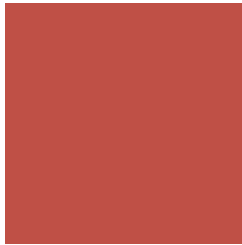
103.1270, 27.0524, -90.4424



19.9700, 5.4378, -17.5137

Previews

White Background



This preview shows how the YUV color 112.0490, -20.7302, 69.2400 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 112.0490, -20.7302, 69.2400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

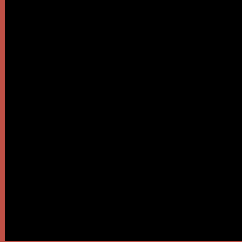
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 112.0490, -20.7302, 69.2400

Background



This preview shows how black text looks on a background with the YUV color 112.0490, -20.7302, 69.2400.



This preview shows how white text looks on a background with the YUV color 112.0490, -20.7302,

69.2400.

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

112.0490, -20.7302, 69.2400

Protanopia

115.0430, -15.3042, 8.7323

Deuteranopia

114.9110, -25.0991, 23.7571



Tritanopia

112.6560, -14.6204, 69.5847

Trichromacy



Original Color

112.0490, -20.7302, 69.2400

Protanomaly

114.0180, -17.2639, 30.6792

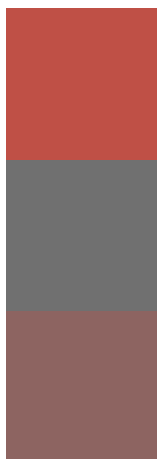
Deuteranomaly

114.0640, -23.6956, 40.2859

Tritanomaly

112.6730, -17.0938, 69.5698

Monochromacy



Original Color

112.0490, -20.7302, 69.2400

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

111.9170, -7.3541, 25.5058

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.0490, -20.7302, 69.2400 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, 80, 70)` looks like.

```
.text, #text, p{  
    color:rgb(191, 80, 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, 80, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 80, 70) }
```

Border

The CSS property to change the border of an element to YUV 112.0490, -20.7302, 69.2400 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, 80, 70) }
```


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

```
.border{ border-color:rgb(191, 80, 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, 80, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 80, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 80, 70);  
box-shadow:4px 4px 4px 4px rgb(191, 80,  
70) }
```

Background

The CSS property to change the background color of an element to YUV 112.0490, -20.7302, 69.2400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 80, 70) }
```

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

```
.background{ background-color: rgb(191, 80,  
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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