

Converting Colors

YUV(108.4390, -15.4994,
71.5290)

Have a look what the booklet for
YUV(108.4390, -15.4994, 71.5290)
contains.

YUV(108.4390, -15.4994, 71.5290)	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(108.4390, -15.4994,
71.5290)**

Conversions

Conversions Part 1

Format	Color
Hex	BE494D
RGB	190, 73, 77
RGB Percent	75%, 29%, 30%
CMY	0.2549, 0.7137, 0.6980
CMYK	0.00, 0.62, 0.59, 0.25
HSL	358°, 47%, 52%
HSV	358°, 62%, 75%
XYZ	24.9573, 16.2481, 8.8420
YIQ	108.4390, 68.4480, 26.0480

Conversions

Conversions Part 2

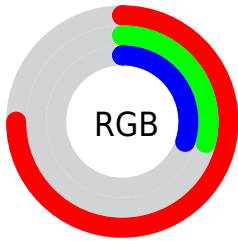
Format	Color
RYB	190, 73, 77
Decimal	12470605
CIELab	47.30, 47.34, 22.53
CIELCh	47, 52.426, 25.448
Yxy	16.2481, 0.4987, 0.3247
Android (android.graphics.Color)	4290660685 (0xFFBE494D)
YUV	108.4390, -15.4994, 71.5290
Hunter-Lab	40.3089, 39.9780, 15.2106

Details

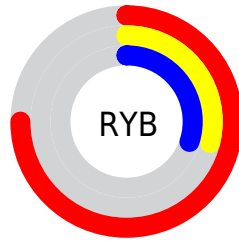
The YUV color **108.4390, -15.4994, 71.5290** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **154.5610, 15.4994, -71.5290**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.3750, -18.4259, 76.8471**, and **50.5620, -8.6581, 70.5441** is the 20% darker color. If you saturate the color by 10%, you get **95.2340, -17.8634, 83.1098**, and if you desaturate by 10%, it is **121.6440, -13.1355, 59.9482**.

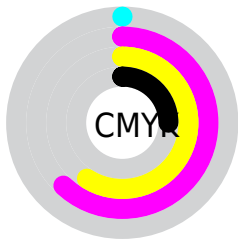
Distribution



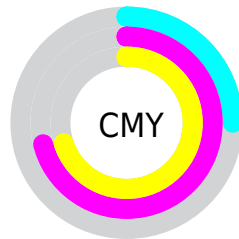
- Red (75%)
- Green (29%)
- Blue (30%)



- Red (75%)
- Yellow (29%)
- Blue (30%)



- Cyan (0%)
- Magenta (62%)
- Yellow (59%)
- Black (25%)



- Cyan (25%)
- Magenta (71%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.4390, -15.4994, 71.5290 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 108.4390, -15.4994, 71.5290 by changing the saturation by 10% instead.

■ 108.4390,
-15.4994, 71.5290

■ 108.4390,
-15.4994, 71.5290

■ 255.0000, 0.0000,
0.0000

■ 80.9980, -13.3100,
69.2848

■ 163.3750,
-18.4259, 76.8471

■ 50.5620, -8.6581,
70.5441

■ 183.9710,
-15.7617, 62.2924

■ 31.8660, -9.7939,
61.5075

■ 203.4850,
-12.0711, 45.1787

■ 21.8270, -10.7607,
44.8787

■ 222.9990, -8.3805,
28.0649

■ 14.2810, -6.0545,
28.6946

■ 243.2140, -4.5425,
10.3363

■ 0.0000, 0.0000,
0.0000

■ 108.4390,
-15.4994, 71.5290

■ 108.4390,
-15.4994, 71.5290

■ 95.2340, -17.8634,
83.1098

■ 121.6440,
-13.1355, 59.9482

■ 81.9150, -20.6641,
94.7905

■ 134.9630,
-10.3348, 48.2674

■ 68.7100, -23.0280,
106.3713

■ 148.1680, -7.9708,
36.6867

■ 57.4940, -25.3865,
116.2078

■ 161.3730, -5.6069,
25.1059

■ 174.6920, -2.8062,
13.4251

■ 187.8970, -0.4422,
1.8443

■ 201.1020, 1.9217,
-9.7365

■ 214.4210, 4.7224,

-21.4172

■ 227.6260, 7.0864,
-32.9980

Harmonies

Analogous

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



110.2100, 5.3195, 67.3448



108.4390, -15.4994, 71.5290



108.7040, -34.3641, 55.5106

Triad

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



108.4390, -15.4994, 71.5290



92.0170, -16.2774, -52.6349



92.6530, 52.9221, -81.2567

Complementary

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



108.4390, -15.4994, 71.5290



154.5610, 15.4994, -71.5290

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.



96.6990, 43.0394, -84.8050



108.4390, -15.4994, 71.5290



89.3400, 7.2274, -78.3512

Square

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



108.4390, -15.4994, 71.5290



102.4240, -40.1420, -4.7568



95.0570, 26.5939, -83.3650



111.9500, 39.4646, -11.3572

Rectangle

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



108.4390, -15.4994, 71.5290



107.2600, -44.4982, 39.2370



95.0570, 26.5939, -83.3650



94.7730, 50.8909, -83.1159

Sweetspot

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



108.4390, -15.4994, 71.5290



216.2700, -6.0491, 26.9502



119.5270, 34.7432, 56.5428



105.4860, -3.6906, 17.1138



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.



108.4390, -15.4994, 71.5290



119.5150, -23.9179, 111.8043



139.0940, -32.5843, 44.6446



87.6910, -1.3267, 5.5330



47.8120, -21.1063, 96.6349



9.3830, -4.1328, 18.9581

Inverse Universe

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



108.4390, -15.4994, 71.5290



119.5150, -23.9179, 111.8043



123.9060, 32.5843, -44.6446



87.6910, -1.3267, 5.5330



47.8120, -21.1063, 96.6349



9.3830, -4.1328, 18.9581

Previews

White Background



This preview shows how the YUV color 108.4390, -15.4994, 71.5290 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 108.4390, -15.4994, 71.5290 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 108.4390, -15.4994, 71.5290

Background



This preview shows how black text looks on a background with the YUV color 108.4390, -15.4994, 71.5290.



This preview shows how white text looks on a background with the YUV color 108.4390, -15.4994,

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

108.4390, -15.4994, 71.5290

Protanopia

112.6280, -9.1836, 5.5882

Deuteranopia

112.1540, -20.2889, 20.9129



Tritanopia

108.4390, -15.4994, 71.5290

Trichromacy



Original Color

108.4390, -15.4994, 71.5290

Protanomaly

110.9130, -11.2961, 29.8943

Deuteranomaly

110.7310, -18.6014, 39.7009

Tritanomaly

108.4390, -15.4994, 71.5290

Monochromacy



Original Color

108.4390, -15.4994, 71.5290

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

108.0850, -5.4649, 26.2355

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.4390, -15.4994, 71.5290 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(190, 73, 77)` looks like.

```
.text, #text, p{  
    color:rgb(190, 73, 77)  
}
```

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(190, 73, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 73, 77) }
```

Border

The CSS property to change the border of an element to YUV 108.4390, -15.4994, 71.5290 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(190, 73, 77) }
```


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

```
.border{ border-color:rgb(190, 73, 77) }
```

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

Here you see how a box with a 4 pixel rgb(190, 73, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 73, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 73, 77);  
box-shadow:4px 4px 4px 4px rgb(190, 73,  
77) }
```

Background

The CSS property to change the background color of an element to YUV 108.4390, -15.4994, 71.5290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 73, 77) }
```

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

```
.background{ background-color: rgb(190, 73,  
77) }
```

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