

Converting Colors

YUV(117.2700, -12.4581,
76.0622)

Have a look what the booklet for
YUV(117.2700, -12.4581, 76.0622)
contains.

YUV(117.2700, -12.4581, 76.0622)	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(117.2700, -12.4581,
76.0622)**

Conversions

Conversions Part 1

Format	Color
Hex	CC4E5C
RGB	204, 78, 92
RGB Percent	80%, 31%, 36%
CMY	0.2000, 0.6941, 0.6392
CMYK	0.00, 0.62, 0.55, 0.20
HSL	353°, 55%, 55%
HSV	353°, 62%, 80%
XYZ	29.5580, 19.0589, 12.2461
YIQ	117.2700, 70.6020, 31.0660

Conversions

Conversions Part 2

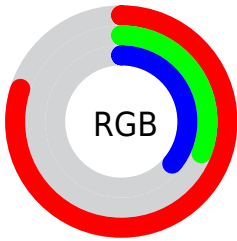
Format	Color
RYB	204, 78, 92
Decimal	13389404
CIELab	50.76, 51.01, 18.56
CIELCh	51, 54.281, 19.990
Yxy	19.0589, 0.4856, 0.3131
Android (android.graphics.Color)	4291579484 (0xFFCC4E5C)
YUV	117.2700, -12.4581, 76.0622
Hunter-Lab	43.6564, 44.4563, 13.9281

Details

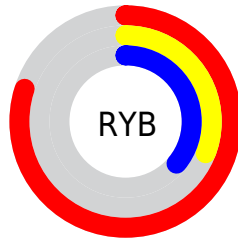
The YUV color **117.2700, -12.4581, 76.0622** is a dark color, and the websafe version is hex **CC6666**, and the color name is **dark terra cotta**. The color can be described as dark muted red. A complement of this color would be **164.7300, 12.4581, -76.0622**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.9170, -13.7631, 74.6178**, and **58.2790, -6.0535, 75.1773** is the 20% darker color. If you saturate the color by 10%, you get **103.4780, -14.5327, 88.1578**, and if you desaturate by 10%, it is **131.0620, -10.3836, 63.9666**.

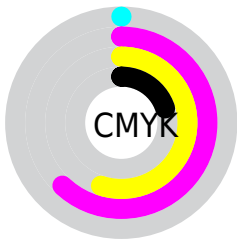
Distribution



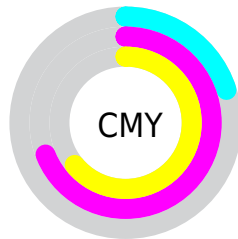
- Red (80%)
- Green (31%)
- Blue (36%)



- Red (80%)
- Yellow (31%)
- Blue (36%)



- Cyan (0%)
- Magenta (62%)
- Yellow (55%)
- Black (20%)





- Cyan (20%)
- Magenta (69%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the YUV color 117.2700, -12.4581, 76.0622 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 117.2700, -12.4581, 76.0622 by changing the saturation by 10% instead.


 117.2700,
-12.4581, 76.0622


 117.2700,
-12.4581, 76.0622


255.0000, 0.0000,
0.0000

 89.2420, -9.9793,
74.3328


 169.9170,
-13.7631, 74.6178


 58.2790, -6.0535,
75.1773


 189.3170,
-10.5093, 57.6040


 37.3490, -5.5951,
68.0999


 208.9450, -6.3819,
40.3902

 26.0130, -12.8244,
53.4856

 229.1600, -2.5439,
22.6617

 18.1680, -7.9708,
36.6867

 249.3750, 1.2941,
4.9331

 6.9910, -2.9536,
14.0399

 0.0000, 0.0000,

0.0000

■ 117.2700,
-12.4581, 76.0622

■ 117.2700,
-12.4581, 76.0622

■ 103.4780,
-14.5327, 88.1578

■ 131.0620,
-10.3836, 63.9666

■ 89.0990, -16.3178,
100.7682

■ 145.4410, -8.5984,
51.3562

■ 75.3070, -18.3924,
112.8638

■ 159.2330, -6.5239,
39.2607

■ 63.6180, -20.0247,
123.1150

■ 173.7260, -4.3019,
26.5503

■ 187.5180, -2.2274,
14.4547

■ 201.3100, -0.1528,
2.3591

■ 215.6890, 1.6323,
-10.2513

■ 229.4810, 3.7069,
-22.3468

■ 239.7510, 7.5178,
-31.3536

Harmonies

Analogous

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



120.1220, 8.8139, 66.5450



117.2700, -12.4581, 76.0622



117.5030, -32.7860, 62.7029

Triad

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



117.2700, -12.4581, 76.0622



103.7750, -22.5671, -41.8987



101.0650, 54.6910, -88.6340

Complementary

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



117.2700, -12.4581, 76.0622



164.7300, 12.4581, -76.0622

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.



103.3670, 43.2031, -90.6529



117.2700, -12.4581, 76.0622



95.0960, 3.8967, -83.3992

Square

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



117.2700, -12.4581, 76.0622



111.6160, -44.6737, 2.0908



101.1550, 24.5736, -88.7129



118.4260, 44.1600, -24.0526

Rectangle

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



117.2700, -12.4581, 76.0622



116.4180, -44.0831, 46.1144



101.1550, 24.5736, -88.7129



102.3700, 52.0756, -89.7785

Sweetspot

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



117.2700, -12.4581, 76.0622



221.9220, -4.8915, 29.0094



125.5530, 38.6744, 55.6430



107.3120, -3.1118, 18.1434



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.



117.2700, -12.4581, 76.0622



124.9050, -18.6872, 114.0933



143.8500, -32.4640, 52.7516



95.1040, -1.0373, 6.0478



51.6860, -16.6072, 100.2534



11.8180, -3.8543, 22.9616

Inverse Universe

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



117.2700, -12.4581, 76.0622



124.9050, -18.6872, 114.0933



138.1500, 32.4641, -52.7515



95.1040, -1.0373, 6.0478



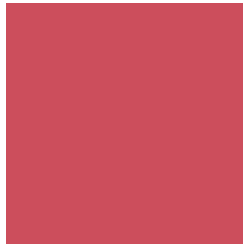
51.6860, -16.6072, 100.2534



11.8180, -3.8543, 22.9616

Previews

White Background



This preview shows how the YUV color 117.2700, -12.4581, 76.0622 looks on a white 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

Black Background



This preview shows how the YUV color 117.2700, -12.4581, 76.0622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

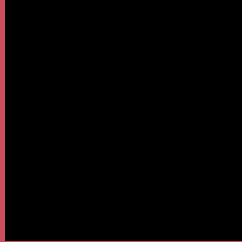
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 117.2700, -12.4581, 76.0622

Background



This preview shows how black text looks on a background with the YUV color 117.2700, -12.4581, 76.0622.



This preview shows how white text looks on a background with the YUV color 117.2700, -12.4581, 76.0622.

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

117.2700, -12.4581, 76.0622

Protanopia

121.4690, -4.6682, 3.9737

Deuteranopia

120.9520, -17.2313, 20.2131



Tritanopia

116.9450, -16.2419, 76.3472

Trichromacy



Original Color

117.2700, -12.4581, 76.0622

Protanomaly

119.6510, -7.2229, 30.1241

Deuteranomaly

119.5400, -15.5492, 40.7454

Tritanomaly

117.2870, -14.9315, 76.0473

Monochromacy



Original Color

117.2700, -12.4581, 76.0622

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.3240, -4.5967, 27.7799

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.2700, -12.4581, 76.0622 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(204, 78, 92)` looks like.

```
.text, #text, p{  
    color:rgb(204, 78, 92)  
}
```

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(204, 78, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 78, 92) }
```

Border

The CSS property to change the border of an element to YUV 117.2700, -12.4581, 76.0622 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(204, 78, 92) }
```


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

```
.border{ border-color:rgb(204, 78, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 78, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 78, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 78, 92);  
box-shadow:4px 4px 4px 4px rgb(204, 78,  
92) }
```

Background

The CSS property to change the background color of an element to YUV 117.2700, -12.4581, 76.0622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 78, 92) }
```

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

```
.background{ background-color: rgb(204, 78,  
92) }
```

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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