

Converting Colors

YUV(95.2620, -0.1292, 88.3472)

Have a look what the booklet for
YUV(95.2620, -0.1292, 88.3472)
contains.

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Color

**YUV(95.2620, -0.1292,
88.3472)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | C42C5F |
| RGB | 196, 44, 95 |
| RGB Percent | 77%, 17%, 37% |
| CMY | 0.2314, 0.8275, 0.6275 |
| CMYK | 0.00, 0.78, 0.52, 0.23 |
| HSL | 340°, 63%, 47% |
| HSV | 340°, 78%, 77% |
| XYZ | 25.7312, 14.3633, 12.2427 |
| YIQ | 95.2620, 74.2210, 48.0850 |

Conversions

Conversions Part 2

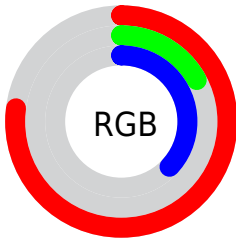
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 196, 44, 95 |
| Decimal | 12856415 |
| CIE Lab | 44.75, 61.60, 8.21 |
| CIE LCh | 45, 62.145, 7.591 |
| Yxy | 14.3633, 0.4916, 0.2744 |
| Android (android.graphics.Color) | 4291046495 (0xFFC42C5F) |
| YUV | 95.2620, -0.1292, 88.3472 |
| Hunter-Lab | 37.8990, 54.8677, 7.3766 |

Details

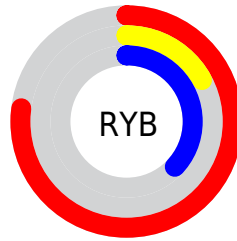
The YUV color **95.2620, -0.1292, 88.3472** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **144.7380, 0.1292, -88.3472**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.8230, -4.3497, 88.7322**, and **46.2500, 1.3558, 78.7108** is the 20% darker color. If you saturate the color by 10%, you get **82.0400, -0.0197, 99.9429**, and if you desaturate by 10%, it is **108.4840, -0.2386, 76.7515**.

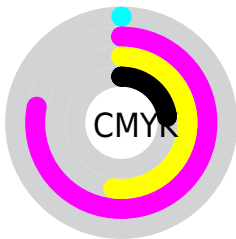
Distribution



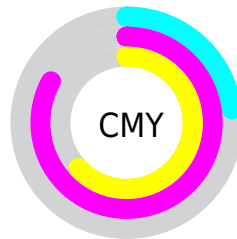
- Red (77%)
- Green (17%)
- Blue (37%)



- Red (77%)
- Yellow (17%)
- Blue (37%)



- Cyan (0%)
- Magenta (78%)
- Yellow (52%)
- Black (23%)





- Cyan (23%)
- Magenta (83%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the YUV color 95.2620, -0.1292, 88.3472 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 95.2620, -0.1292, 88.3472 by changing the saturation by 10% instead.

 95.2620, -0.1292,
88.3472


 95.2620, -0.1292,
88.3472


255.0000, 0.0000,
0.0000

 57.8420, 6.9799,
94.8546


 153.8230, -4.3497,
88.7322

 46.2500, 1.3558,
78.7108


 173.9240, -0.9485,
71.1037


 35.0000, -2.9580,
62.2670

 193.4380, 2.7421,
53.9899

 23.4360, -11.0609,
47.8526

 213.6530, 6.5801,
36.2613

 14.8790, -6.3493,
29.9241

 233.8680, 10.4181,
18.5328

 0.0000, 0.0000,
0.0000

 251.4780, 1.7363,

3.0888

■ 95.2620, -0.1292,
88.3472

■ 95.2620, -0.1292,
88.3472

■ 82.0400, -0.0197,
99.9429

■ 108.4840, -0.2386,
76.7515

■ 69.4050, -0.1997,
111.0238

■ 121.1190, -0.0587,
65.6706

■ 66.1280, -0.0631,
113.8977

■ 134.3410, -0.1681,
54.0749

■ 146.9760, 0.0118,
42.9940

■ 160.1980, -0.0976,
31.3984

■ 173.4200, -0.2071,
19.8027

■ 186.0550, -0.0271,
8.7218

■ 199.2770, -0.1366,
-2.8739

■ 211.9120, 0.0434,
-13.9548

Harmonies

Analogous

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



103.0260, 21.1862, 64.8752



95.2620, -0.1292, 88.3472



98.3230, -26.2882, 78.6467

Triad

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



95.2620, -0.1292, 88.3472



88.0810, -43.4239, -25.5040



94.6420, 52.9275, -83.0010

Complementary

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



95.2620, -0.1292, 88.3472



144.7380, 0.1292, -88.3472

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.



94.2880, 36.3400, -82.6906



95.2620, -0.1292, 88.3472



81.2580, -8.5082, -71.2633

Square

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



95.2620, -0.1292, 88.3472



98.0800, -48.3534, 15.7158



89.1750, 14.2107, -78.2065



87.3360, 60.4734, -76.5937

Rectangle

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



95.2620, -0.1292, 88.3472



98.5880, -45.1529, 62.6283



89.1750, 14.2107, -78.2065



95.3770, 48.1281, -83.6456

Sweetspot

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



95.2620, -0.1292, 88.3472



215.9210, 0.0389, 34.2723



90.9290, 51.8000, 45.6663



104.1320, -0.0651, 20.9322



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.



95.2620, -0.1292, 88.3472



97.8690, -0.4284, 137.8039



102.9490, -29.0619, 81.6057



90.3320, -0.1637, 5.8478



54.2950, -0.1454, 93.5803



11.1210, -0.0597, 19.1879

Inverse Universe

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



95.2620, -0.1292, 88.3472



97.8690, -0.4284, 137.8039



137.0510, 29.0619, -81.6057



90.3320, -0.1637, 5.8478



54.2950, -0.1454, 93.5803



11.1210, -0.0597, 19.1879

Previews

White Background



This preview shows how the YUV color 95.2620, -0.1292, 88.3472 looks on a white background.

Color Contrast Check

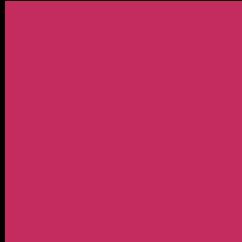
Large Text (above 18pt) WCAG AA ✓ Pass

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 95.2620, -0.1292, 88.3472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

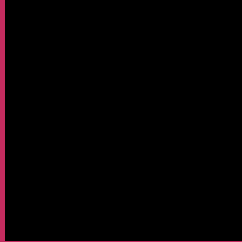
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.2620, -0.1292, 88.3472

Background



This preview shows how black text looks on a background with the YUV color 95.2620, -0.1292, 88.3472.



This preview shows how white text looks on a background with the YUV color 95.2620, -0.1292,

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

95.2620, -0.1292, 88.3472

Protanopia

107.3120, 10.1992, -4.6586

Deuteranopia

107.5690, -9.6475, 14.4100



Tritanopia

96.0880, -19.7634, 85.8688

Trichromacy



Original Color

95.2620, -0.1292, 88.3472

Protanomaly

102.6090, 6.6018, 29.2839

Deuteranomaly

103.3580, -6.0925, 40.9050

Tritanomaly

95.6350, -12.6381, 87.1431

Monochromacy



Original Color

95.2620, -0.1292, 88.3472

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.9100, 0.0444, 32.5279

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.2620, -0.1292, 88.3472 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(196, 44, 95)` looks like.

```
.text, #text, p{  
    color:rgb(196, 44, 95)  
}
```

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(196, 44, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 44, 95) }
```

Border

The CSS property to change the border of an element to YUV 95.2620, -0.1292, 88.3472 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(196, 44, 95) }
```


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

```
.border{ border-color:rgb(196, 44, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 44, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 44, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 44, 95);  
box-shadow:4px 4px 4px 4px rgb(196, 44,  
95) }
```

Background

The CSS property to change the background color of an element to YUV 95.2620, -0.1292, 88.3472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 44, 95) }
```

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

```
.background{ background-color: rgb(196, 44,  
95) }
```

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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