

Converting Colors

YUV(84.5610, -17.0386,
98.6090)

Have a look what the booklet for
YUV(84.5610, -17.0386, 98.6090)
contains.

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Color

**YUV(84.5610, -17.0386,
98.6090)**

Conversions

Conversions Part 1

Format	Color
Hex	C52232
RGB	197, 34, 50
RGB Percent	77%, 13%, 20%
CMY	0.2275, 0.8667, 0.8039
CMYK	0.00, 0.83, 0.75, 0.23
HSL	354°, 71%, 45%
HSV	354°, 83%, 77%
XYZ	24.1737, 13.2447, 4.3000
YIQ	84.5610, 92.0120, 39.5320

Conversions

Conversions Part 2

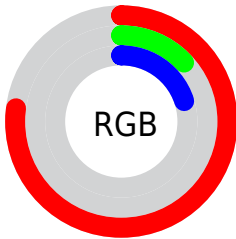
Format	Color
R_{YB}	197, 34, 50
Decimal	12919346
CIE Lab	43.13, 61.92, 33.84
CIE LCh	43, 70.564, 28.656
Yxy	13.2447, 0.5795, 0.3175
Android (android.graphics.Color)	4291109426 (0xFFC52232)
YUV	84.5610, -17.0386, 98.6090
Hunter-Lab	36.3932, 54.8781, 18.4699

Details

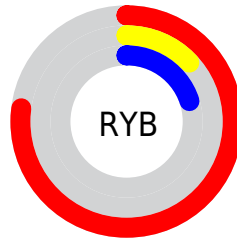
The YUV color **84.5610, -17.0386, 98.6090** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **146.4390, 17.0386, -98.6090**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.2420, -23.2903, 97.1348**, and **41.0490, -17.2792, 82.3950** is the 20% darker color. If you saturate the color by 10%, you get **70.7690, -19.1131, 110.7046**, and if you desaturate by 10%, it is **98.3530, -14.9640, 86.5134**.

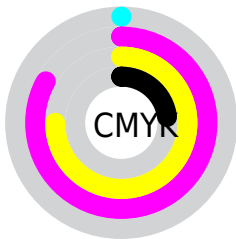
Distribution



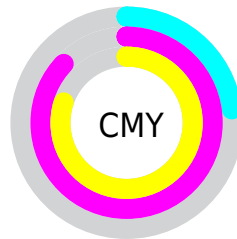
- Red (77%)
- Green (13%)
- Blue (20%)



- Red (77%)
- Yellow (13%)
- Blue (20%)



- Cyan (0%)
- Magenta (83%)
- Yellow (75%)
- Black (23%)





- Cyan (23%)
- Magenta (87%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the YUV color 84.5610, -17.0386, 98.6090 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 84.5610, -17.0386, 98.6090 by changing the saturation by 10% instead.


 84.5610, -17.0386,
98.6090


 84.5610, -17.0386,
98.6090


255.0000, 0.0000,
0.0000


 52.9400, -11.8024,
99.1536


 144.2420,
-23.2903, 97.1348

 41.0490, -17.2792,
82.3950


 163.4140,
-20.9101, 80.3209


 31.0960, -15.3303,
63.9368

 183.4010,
-17.9457, 62.7923

 22.3540, -10.0345,
45.2935

 203.5020,
-14.5445, 45.1637

 13.2700, -6.0491,
26.9502

 223.6030,
-11.1433, 27.5352

 0.0000, 0.0000,
0.0000

 243.8180, -7.3053,

■ 84.5610, -17.0386,
98.6090

■ 84.5610, -17.0386,
98.6090

■ 70.7690, -19.1131,
110.7046

■ 98.3530, -14.9640,
86.5134

■ 61.0690, -20.7400,
119.2115

■ 111.5580,
-12.6001, 74.9326

■ 125.2360,
-10.9623, 62.9370

■ 139.0280, -8.8878,
50.8414

■ 152.8200, -6.8133,
38.7459

■ 166.0250, -4.4493,
27.1651

■ 179.7030, -2.8116,
15.1695

■ 193.4950, -0.7370,
3.0739

■ 206.7000, 1.6269,
-8.5069

Harmonies

Analogous

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



73.4600, 16.5352, 110.0986



84.5610, -17.0386, 98.6090



93.6810, -46.1847, 66.9318

Triad

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



84.5610, -17.0386, 98.6090



75.4900, -20.4546, -66.2047



90.2370, 63.9732, -79.1378

Complementary

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



84.5610, -17.0386, 98.6090



146.4390, 17.0386, -98.6090

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.



94.6420, 52.9275, -83.0010



84.5610, -17.0386, 98.6090



85.0200, 5.9061, -74.5625

Square

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



84.5610, -17.0386, 98.6090



87.2500, -43.0142, -16.8822



91.8600, 32.1140, -80.5612



99.9680, 52.2738, -13.1269

Rectangle

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



84.5610, -17.0386, 98.6090



96.1740, -47.4138, 41.0664



91.8600, 32.1140, -80.5612



92.9440, 61.6526, -81.5119

Sweetspot

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



84.5610, -17.0386, 98.6090



210.9340, -6.3765, 38.6459



96.5350, 49.5292, 74.0758



101.1170, -4.0017, 23.5764



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.



84.5610, -17.0386, 98.6090



81.0840, -26.6634, 152.5243



120.8920, -42.8378, 66.7467



92.6910, -1.3267, 5.5330



50.5610, -17.0386, 98.6090



11.2200, -3.5595, 21.7321

Inverse Universe

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



84.5610, -17.0386, 98.6090



81.0840, -26.6634, 152.5243



110.1080, 42.8378, -66.7467



92.6910, -1.3267, 5.5330



50.5610, -17.0386, 98.6090



11.2200, -3.5595, 21.7321

Previews

White Background



This preview shows how the YUV color 84.5610, -17.0386, 98.6090 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 84.5610, -17.0386, 98.6090 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 84.5610, -17.0386, 98.6090

Background



This preview shows how black text looks on a background with the YUV color 84.5610, -17.0386, 98.6090.



This preview shows how white text looks on a background with the YUV color 84.5610, -17.0386,

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

84.5610, -17.0386, 98.6090

Protanopia

101.8580, -14.7200, 8.0175

Deuteranopia

100.3580, -29.7565, 24.2420



Tritanopia

84.7260, -24.0219, 98.4643

Trichromacy



Original Color

84.5610, -17.0386, 98.6090

Protanomaly

95.5400, -15.5492, 40.7454

Deuteranomaly

94.7880, -25.0385, 51.0519

Tritanomaly

84.7090, -21.5485, 98.4792

Monochromacy



Original Color

84.5610, -17.0386, 98.6090

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.6240, -6.2236, 36.2868

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.5610, -17.0386, 98.6090 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(197, 34, 50)` looks like.

```
.text, #text, p{  
    color:rgb(197, 34, 50)  
}
```

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(197, 34, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 34, 50) }
```

Border

The CSS property to change the border of an element to YUV 84.5610, -17.0386, 98.6090 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(197, 34, 50) }
```


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

```
.border{ border-color:rgb(197, 34, 50) }
```

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

Here you see how a box with a 4 pixel rgb(197, 34, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 34, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 34, 50);  
box-shadow:4px 4px 4px 4px rgb(197, 34,  
50) }
```

Background

The CSS property to change the background color of an element to YUV 84.5610, -17.0386, 98.6090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 34, 50) }
```

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

```
.background{ background-color: rgb(197, 34,  
50) }
```

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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