

Converting Colors

YUV(92.1510, -8.4554, 98.9686)

Have a look what the booklet for
YUV(92.1510, -8.4554, 98.9686)
contains.

YUV(92.1510, -8.4554, 98.9686)	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(92.1510, -8.4554,
98.9686)**

Conversions

Conversions Part 1

Format	Color
Hex	CD264B
RGB	205, 38, 75
RGB Percent	80%, 15%, 29%
CMY	0.1961, 0.8510, 0.7059
CMYK	0.00, 0.81, 0.63, 0.20
HSL	347°, 69%, 48%
HSV	347°, 81%, 80%
XYZ	27.1400, 14.8734, 8.0970
YIQ	92.1510, 87.6550, 46.9110

Conversions

Conversions Part 2

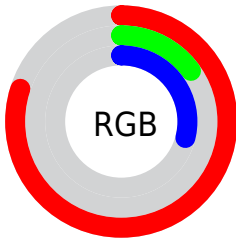
Format	Color
RYB	205, 38, 75
Decimal	13444683
CIELab	45.46, 64.34, 21.86
CIELCh	45, 67.949, 18.768
Yxy	14.8734, 0.5416, 0.2968
Android (android.graphics.Color)	4291634763 (0xFFCD264B)
YUV	92.1510, -8.4554, 98.9686
Hunter-Lab	38.5660, 58.1248, 14.5481

Details

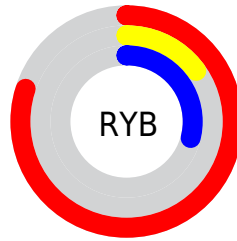
The YUV color **92.1510, -8.4554, 98.9686** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark muted red. A complement of this color would be **150.8490, 8.4554, -98.9686**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.5540, -13.0911, 92.4761**, and **46.4050, -7.1017, 84.7138** is the 20% darker color. If you saturate the color by 10%, you get **78.5870, -9.6564, 110.8642**, and if you desaturate by 10%, it is **106.3020, -7.5439, 86.5581**.

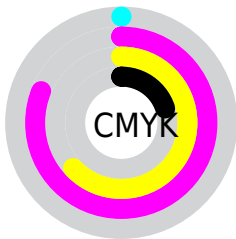
Distribution



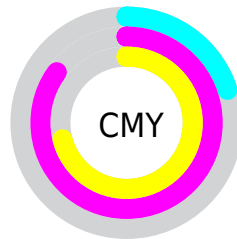
- Red (80%)
- Green (15%)
- Blue (29%)



- Red (80%)
- Yellow (15%)
- Blue (29%)



- Cyan (0%)
- Magenta (81%)
- Yellow (63%)
- Black (20%)





- Cyan (20%)
- Magenta (85%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the YUV color 92.1510, -8.4554, 98.9686 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 92.1510, -8.4554, 98.9686 by changing the saturation by 10% instead.

 92.1510, -8.4554,
98.9686

 92.1510, -8.4554,
98.9686


255.0000, 0.0000,
0.0000


 58.0680, -2.4985,
101.6724


 149.5540,
-13.0911, 92.4761


 46.4050, -7.1017,
84.7138


 169.5410,
-10.1267, 74.9475

 34.8130, -12.7258,
68.5700


 189.6420, -6.7255,
57.3190

 24.9310, -11.7980,
50.9265

 209.7430, -3.3243,
39.6904

 16.3740, -7.0864,
32.9980

 229.9580, 0.5137,
21.9618

 1.1960, -0.5896,
2.4591

 250.3040, 2.3151,

 0.0000, 0.0000,

4.1184

0.0000

■ 92.1510, -8.4554,
98.9686

■ 92.1510, -8.4554,
98.9686

■ 78.5870, -9.6564,
110.8642

■ 106.3020, -7.5439,
86.5581

■ 66.4250, -10.5625,
121.5303

■ 119.8660, -6.3429,
74.6625

■ 134.0170, -5.4314,
62.2521

■ 147.5810, -4.2304,
50.3565

■ 161.7320, -3.3189,
37.9460

■ 175.2960, -2.1179,
26.0504

■ 189.4470, -1.2064,
13.6400

■ 203.0110, -0.0054,
1.7444

■ 217.1620, 0.9061,
-10.6661

Harmonies

Analogous

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



96.4310, 17.0425, 87.3220



92.1510, -8.4554, 98.9686



98.7560, -39.8127, 76.5130

Triad

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



92.1510, -8.4554, 98.9686



76.1280, -28.1641, -66.7643



96.1070, 61.0792, -84.2858

Complementary

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



92.1510, -8.4554, 98.9686



150.8490, 8.4554, -98.9686

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.



98.3120, 46.6812, -86.2196



92.1510, -8.4554, 98.9686



86.4730, -1.2192, -75.8368

Square

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



92.1510, -8.4554, 98.9686



97.0950, -47.8678, -0.0833



93.7860, 24.2625, -82.2503



95.2620, 59.5238, -51.9728

Rectangle

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



92.1510, -8.4554, 98.9686



100.9800, -49.7831, 54.3915



93.7860, 24.2625, -82.2503



97.7710, 57.3009, -85.7452

Sweetspot

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



92.1510, -8.4554, 98.9686



213.7210, -3.3135, 36.2017



95.3100, 54.0772, 61.9951



102.9750, -1.9597, 21.9469



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.



92.1510, -8.4554, 98.9686



86.0200, -12.8279, 148.1955



114.3480, -37.6396, 79.5018



95.2180, -0.6005, 5.9478



53.8520, -8.3080, 98.3538



12.2740, -2.1071, 22.5617

Inverse Universe

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



92.1510, -8.4554, 98.9686



86.0200, -12.8279, 148.1955



128.6520, 37.6396, -79.5018



95.2180, -0.6005, 5.9478



53.8520, -8.3080, 98.3538



12.2740, -2.1071, 22.5617

Previews

White Background



This preview shows how the YUV color 92.1510, -8.4554, 98.9686 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 92.1510, -8.4554, 98.9686 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 92.1510, -8.4554, 98.9686

Background



This preview shows how black text looks on a background with the YUV color 92.1510, -8.4554, 98.9686.



This preview shows how white text looks on a background with the YUV color 92.1510, -8.4554,

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

92.1510, -8.4554, 98.9686

Protanopia

108.4410, -2.1894, 2.2442

Deuteranopia

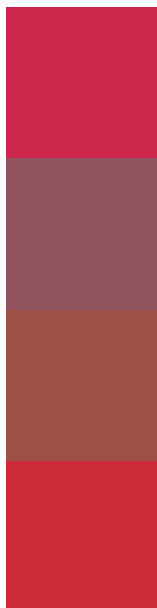
107.8550, -20.1415, 20.2982



Tritanopia

92.6550, -23.0009, 97.6496

Trichromacy



Original Color

92.1510, -8.4554, 98.9686

Protanomaly

102.6780, -4.7713, 37.1164

Deuteranomaly

102.1820, -15.8657, 48.9524

Tritanomaly

92.1480, -17.3280, 98.0942

Monochromacy



Original Color

92.1510, -8.4554, 98.9686

Achromatopsia

92.0000, 0.0000, 0.0000

Achromatomaly

91.8350, -2.8767, 36.1017

CSS Examples

Text

The CSS property to change the color of the text to YUV 92.1510, -8.4554, 98.9686 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(205, 38, 75)` looks like.

```
.text, #text, p{  
    color:rgb(205, 38, 75)  
}
```

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(205, 38, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 38, 75) }
```

Border

The CSS property to change the border of an element to YUV 92.1510, -8.4554, 98.9686 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(205, 38, 75) }
```


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

```
.border{ border-color:rgb(205, 38, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 38, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 38, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 38, 75);  
box-shadow:4px 4px 4px 4px rgb(205, 38,  
75) }
```

Background

The CSS property to change the background color of an element to YUV 92.1510, -8.4554, 98.9686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 38, 75) }
```

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

```
.background{ background-color: rgb(205, 38,  
75) }
```

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