

Converting Colors

YUV(85.4910, 2.7159, 109.1944)

Have a look what the booklet for
YUV(85.4910, 2.7159, 109.1944)
contains.

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Color

**YUV(85.4910, 2.7159,
109.1944)**

Conversions

Conversions Part 1

Format	Color
Hex	D2155B
RGB	210, 21, 91
RGB Percent	82%, 8%, 36%
CMY	0.1765, 0.9176, 0.6431
CMYK	0.00, 0.90, 0.57, 0.18
HSL	338°, 82%, 45%
HSV	338°, 90%, 82%
XYZ	28.7348, 14.9933, 11.2770
YIQ	85.4910, 90.1740, 61.8380

Conversions

Conversions Part 2

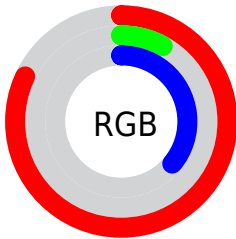
Format	Color
R_{YB}	210, 21, 91
Decimal	13768027
CIE Lab	45.63, 69.95, 12.33
CIE LCh	46, 71.031, 9.993
Yxy	14.9933, 0.5224, 0.2726
Android (android.graphics.Color)	4291958107 (0xFFD2155B)
YUV	85.4910, 2.7159, 109.1944
Hunter-Lab	38.7212, 64.7021, 9.8374

Details

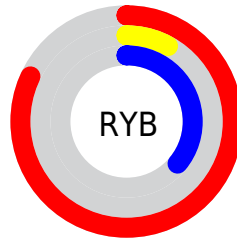
The YUV color **85.4910, 2.7159, 109.1944** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **145.5090, -2.7159, -109.1944**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.4970, -3.2030, 94.2801**, and **49.4960, -1.7235, 86.3880** is the 20% darker color. If you saturate the color by 10%, you get **71.6820, 3.1148, 121.3049**, and if you desaturate by 10%, it is **99.3000, 2.3171, 97.0839**.

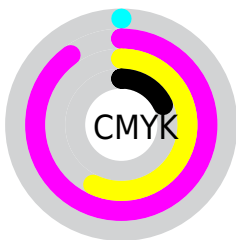
Distribution



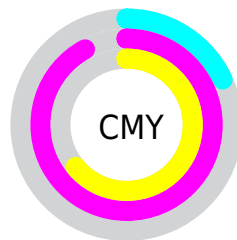
- Red (82%)
- Green (8%)
- Blue (36%)



- Red (82%)
- Yellow (8%)
- Blue (36%)



- Cyan (0%)
- Magenta (90%)
- Yellow (57%)
- Black (18%)




- Cyan (18%)
- Magenta (92%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.4910, 2.7159, 109.1944 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 85.4910, 2.7159, 109.1944 by changing the saturation by 10% instead.


 85.4910, 2.7159,
109.1944


 85.4910, 2.7159,
109.1944


255.0000, 0.0000,
0.0000


 61.2730, 3.3164,
103.2466


 147.4970, -3.2030,
94.2801

 49.4960, -1.7235,
86.3880


 168.0710, -0.5280,
76.2367


 38.2460, -6.0373,
69.9443


 188.1720, 2.8732,
58.6082

 26.5400, -12.0982,
53.9004

 208.9740, 6.4218,
40.3648

 17.5700, -7.6760,
35.4571

 229.1890, 10.2598,
22.6362

 5.6810, -2.8007,
11.6808

 247.3690, 3.7621,

 0.0000, 0.0000,

6.6924

0.0000

■ 85.4910, 2.7159,
109.1944

■ 85.4910, 2.7159,
109.1944

■ 71.6820, 3.1148,
121.3049

■ 99.3000, 2.3171,
97.0839

■ 113.1090, 1.9183,
84.9734

■ 127.0320, 1.9562,
72.7629

■ 140.8410, 1.5574,
60.6524

■ 154.6500, 1.1586,
48.5420

■ 168.4590, 0.7597,
36.4315

■ 182.3820, 0.7977,
24.2210

■ 196.1910, 0.3988,
12.1105

■ 210.0000, 0.0000,
0.0000

Harmonies

Analogous

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



98.8630, 25.2105, 80.8041



85.4910, 2.7159, 109.1944



96.4230, -31.2675, 89.0830

Triad

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



85.4910, 2.7159, 109.1944



85.6340, -42.2176, -39.1440



99.1560, 60.0691, -86.9598

Complementary

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



85.4910, 2.7159, 109.1944



145.5090, -2.7159, -109.1944

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.



98.4600, 42.1712, -86.3494



85.4910, 2.7159, 109.1944



84.1930, -9.9551, -73.8373

Square

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



85.4910, 2.7159, 109.1944



99.8300, -49.2162, 12.4271



92.5490, 16.9843, -81.1655



89.8610, 67.6095, -78.8081

Rectangle

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



85.4910, 2.7159, 109.1944



99.5840, -49.0949, 67.0168



92.5490, 16.9843, -81.1655



99.7770, 54.8329, -87.5044

Sweetspot

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



85.4910, 2.7159, 109.1944



209.5950, 1.1857, 39.8202



77.5290, 65.3082, 53.0331



100.9690, 0.5083, 23.7062



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.



85.4910, 2.7159, 109.1944



86.9610, 3.4702, 147.3702



90.4250, -34.2265, 104.8673



97.7450, 0.1257, 6.3626



57.3000, 2.3171, 97.0839



13.9690, 0.5083, 23.7062

Inverse Universe

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



85.4910, 2.7159, 109.1944



86.9610, 3.4702, 147.3702



140.5750, 34.2265, -104.8673



97.7450, 0.1257, 6.3626



57.3000, 2.3171, 97.0839



13.9690, 0.5083, 23.7062

Previews

White Background



This preview shows how the YUV color 85.4910, 2.7159, 109.1944 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 85.4910, 2.7159, 109.1944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

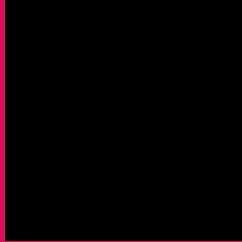
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.4910, 2.7159, 109.1944

Background



This preview shows how black text looks on a background with the YUV color 85.4910, 2.7159, 109.1944.



This preview shows how white text looks on a background with the YUV color 85.4910, 2.7159, 109.1944.

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

85.4910, 2.7159, 109.1944

Protanopia

109.6110, 10.0518, -4.0438

Deuteranopia

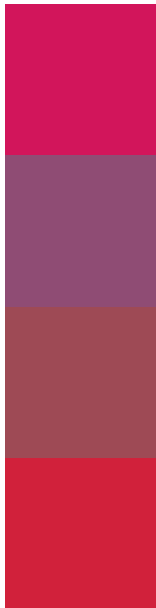
109.5540, -13.5841, 17.0541



Tritanopia

90.2320, -24.7644, 103.2825

Trichromacy



Original Color

85.4910, 2.7159, 109.1944

Protanomaly

100.5930, 7.5957, 37.1909

Deuteranomaly

100.3700, -7.5774, 50.5415

Tritanomaly

88.5880, -14.5869, 105.6013

Monochromacy



Original Color

85.4910, 2.7159, 109.1944

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.1820, 0.8963, 39.3054

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.4910, 2.7159, 109.1944 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(210, 21, 91)` looks like.

```
.text, #text, p{  
    color:rgb(210, 21, 91)  
}
```

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(210, 21, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 21, 91) }
```

Border

The CSS property to change the border of an element to YUV 85.4910, 2.7159, 109.1944 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(210, 21, 91) }
```


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

```
.border{ border-color:rgb(210, 21, 91) }
```

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

Here you see how a box with a 4 pixel rgb(210, 21, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 21, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 21, 91);  
box-shadow:4px 4px 4px 4px rgb(210, 21,  
91) }
```

Background

The CSS property to change the background color of an element to YUV 85.4910, 2.7159, 109.1944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 21, 91) }
```

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

```
.background{ background-color: rgb(210, 21,  
91) }
```

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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