

Converting Colors

YUV(87.7790, 2.5740, 108.0648)

Have a look what the booklet for
YUV(87.7790, 2.5740, 108.0648)
contains.

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Color

**YUV(87.7790, 2.5740,
108.0648)**

Conversions

Conversions Part 1

Format	Color
Hex	D3185D
RGB	211, 24, 93
RGB Percent	83%, 9%, 36%
CMY	0.1725, 0.9059, 0.6353
CMYK	0.00, 0.89, 0.56, 0.17
HSL	338°, 80%, 46%
HSV	338°, 89%, 83%
XYZ	29.1664, 15.2925, 11.7704
YIQ	87.7790, 89.3030, 61.1030

Conversions

Conversions Part 2

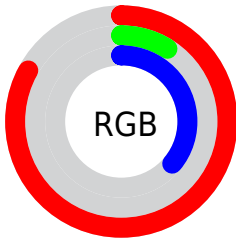
Format	Color
RYB	211, 24, 93
Decimal	13834333
CIELab	46.03, 69.87, 11.68
CIElCh	46, 70.839, 9.489
Yxy	15.2925, 0.5187, 0.2720
Android (android.graphics.Color)	4292024413 (0xFFD3185D)
YUV	87.7790, 2.5740, 108.0648
Hunter-Lab	39.1056, 64.6971, 9.5282

Details

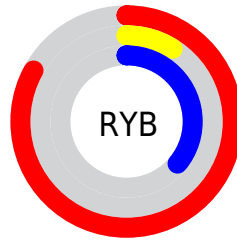
The YUV color **87.7790, 2.5740, 108.0648** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **147.2210, -2.5740, -108.0648**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.8990, -2.9082, 93.0506**, and **50.0230, -0.9973, 86.8028** is the 20% darker color. If you saturate the color by 10%, you get **73.9700, 2.9728, 120.1753**, and if you desaturate by 10%, it is **101.5880, 2.1751, 95.9543**.

Distribution



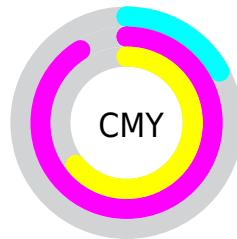
- Red (83%)
- Green (9%)
- Blue (36%)



- Red (83%)
- Yellow (9%)
- Blue (36%)



- Cyan (0%)
- Magenta (89%)
- Yellow (56%)
- Black (17%)



- Cyan (17%)
- Magenta (91%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.7790, 2.5740, 108.0648 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 87.7790, 2.5740, 108.0648 by changing the saturation by 10% instead.


 87.7790, 2.5740,
108.0648

 87.7790, 2.5740,
108.0648


255.0000, 0.0000,
0.0000

 61.8000, 4.0426,
103.6614


 148.8990, -2.9082,
93.0506


 50.0230, -0.9973,
86.8028


 168.8860, 0.0562,
75.5220


 38.7730, -5.3111,
70.3591


 189.5740, 3.1680,
57.3786

 26.8390, -12.2456,
54.5152

 209.7890, 7.0060,
39.6500

 17.9830, -7.3866,
35.9719

 230.7050, 10.9914,
21.3067

 6.2790, -3.0955,
12.9103

 248.5430, 3.1833,

 0.0000, 0.0000,

5.6628

0.0000

■ 87.7790, 2.5740,
108.0648

■ 87.7790, 2.5740,
108.0648

■ 73.9700, 2.9728,
120.1753

■ 101.5880, 2.1751,
95.9543

■ 71.9810, 2.9674,
121.9197

■ 115.5110, 2.2131,
83.7439

■ 129.3200, 1.8142,
71.6334

■ 143.1290, 1.4154,
59.5229

■ 157.6390, 1.1640,
46.7976

■ 171.4480, 0.7651,
34.6871

■ 185.2570, 0.3663,
22.5766

■ 199.1800, 0.4043,
10.3661

■ 212.9890, 0.0054,
-1.7444

Harmonies

Analogous

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



101.1510, 25.0686, 79.6746



87.7790, 2.5740, 108.0648



97.5370, -30.8307, 88.9831

Triad

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



87.7790, 2.5740, 108.0648



86.8300, -42.8072, -36.6849



99.7430, 59.7797, -87.4746

Complementary

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



87.7790, 2.5740, 108.0648



147.2210, -2.5740, -108.0648

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.



99.0470, 41.8818, -86.8642



87.7790, 2.5740, 108.0648



84.7800, -10.2445, -74.3521

Square

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



87.7790, 2.5740, 108.0648



101.0150, -49.8004, 13.1418



93.1360, 16.6950, -81.6803



91.1490, 67.4675, -79.9377

Rectangle

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



87.7790, 2.5740, 108.0648



100.7690, -49.6791, 67.7316



93.1360, 16.6950, -81.6803



100.4780, 54.9803, -88.1192

Sweetspot

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



87.7790, 2.5740, 108.0648



209.5950, 1.1857, 39.8202



79.7030, 64.7294, 52.0035



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.



87.7790, 2.5740, 108.0648



86.9610, 3.4702, 147.3702



92.8270, -33.9317, 103.6377



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.



87.7790, 2.5740, 108.0648



86.9610, 3.4702, 147.3702



142.1730, 33.9317, -103.6377



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 87.7790, 2.5740, 108.0648 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 87.7790, 2.5740, 108.0648 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 87.7790, 2.5740, 108.0648

Background



This preview shows how black text looks on a background with the YUV color 87.7790, 2.5740, 108.0648.



This preview shows how white text looks on a background with the YUV color 87.7790, 2.5740,

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

87.7790, 2.5740, 108.0648

Protanopia

110.5400, 11.0728, -4.8586

Deuteranopia

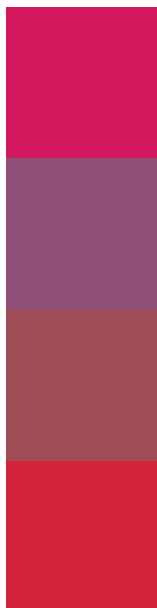
110.3690, -12.9999, 16.3394



Tritanopia

91.9330, -24.6170, 102.6678

Trichromacy



Original Color

87.7790, 2.5740, 108.0648

Protanomaly

102.2940, 7.7431, 36.5762

Deuteranomaly

102.0710, -7.4300, 49.9267

Tritanomaly

90.2890, -14.4395, 104.9865

Monochromacy



Original Color

87.7790, 2.5740, 108.0648

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.1820, 0.8963, 39.3054

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.7790, 2.5740, 108.0648 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(211, 24, 93)` looks like.

```
.text, #text, p{  
    color:rgb(211, 24, 93)  
}
```

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(211, 24, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 24, 93) }
```

Border

The CSS property to change the border of an element to YUV 87.7790, 2.5740, 108.0648 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(211, 24, 93) }
```


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

```
.border{ border-color:rgb(211, 24, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 24, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 24, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 24, 93);  
box-shadow:4px 4px 4px 4px rgb(211, 24,  
93) }
```

Background

The CSS property to change the background color of an element to YUV 87.7790, 2.5740, 108.0648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 24, 93) }
```

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

```
.background{ background-color: rgb(211, 24,  
93) }
```

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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