

Converting Colors

YUV(92.5010, 37.7140, 83.7526)

Have a look what the booklet for
YUV(92.5010, 37.7140, 83.7526)
contains.

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Color

**YUV(92.5010, 37.7140,
83.7526)**

Conversions

Conversions Part 1

Format	Color
Hex	BC1DA9
RGB	188, 29, 169
RGB Percent	74%, 11%, 66%
CMY	0.2627, 0.8863, 0.3373
CMYK	0.00, 0.85, 0.10, 0.26
HSL	307°, 73%, 43%
HSV	307°, 85%, 74%
XYZ	28.3398, 14.4347, 38.8286
YIQ	92.5010, 49.8240, 77.2480

Conversions

Conversions Part 2

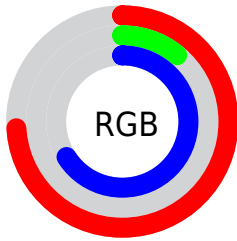
Format	Color
R_{YB}	188, 29, 169
Decimal	12328361
CIE _{Lab}	44.85, 71.75, -36.91
CIE _{LCh}	45, 80.688, 332.775
Yxy	14.4347, 0.3473, 0.1769
Android (android.graphics.Color)	4290518441 (0xFFBC1DA9)
YUV	92.5010, 37.7140, 83.7526
Hunter-Lab	37.9930, 66.6595, -33.9989

Details

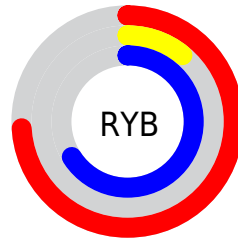
The YUV color **92.5010, 37.7140, 83.7526** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **124.4990, -37.7140, -83.7526**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.7410, 33.6517, 80.0341**, and **52.0940, 31.5057, 68.3236** is the 20% darker color. If you saturate the color by 10%, you get **81.1200, 42.3388, 93.7338**, and if you desaturate by 10%, it is **103.8820, 33.0892, 73.7715**.

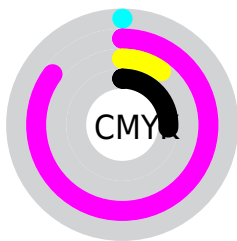
Distribution



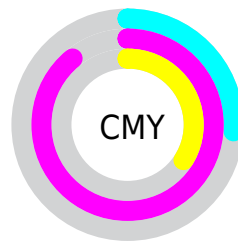
- Red (74%)
- Green (11%)
- Blue (66%)



- Red (74%)
- Yellow (11%)
- Blue (66%)



- Cyan (0%)
- Magenta (85%)
- Yellow (10%)
- Black (26%)



- Cyan (26%)
- Magenta (89%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 92.5010, 37.7140, 83.7526 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 92.5010, 37.7140, 83.7526 by changing the saturation by 10% instead.

■ 92.5010, 37.7140,
83.7526

■ 92.5010, 37.7140,
83.7526

■ 255.0000, 0.0000,
0.0000

■ 63.7290, 38.5876,
83.5527

■ 156.7410, 33.6517,
80.0341

■ 52.0940, 31.5057,
68.3236

■ 179.1630, 36.8946,
66.5090

■ 40.8720, 24.7131,
53.6093

■ 196.3000, 28.9391,
51.4799

■ 30.0630, 18.2099,
39.4097

■ 213.3230, 20.5468,
36.5507

■ 19.3680, 12.1436,
25.1103

■ 230.9330, 11.8650,
21.1068

■ 3.7040, 9.0199,
0.2596

■ 248.5430, 3.1833,

■ 0.0000, 0.0000,

5.6628

0.0000

■ 92.5010, 37.7140,
83.7526

■ 92.5010, 37.7140,
83.7526

■ 81.1200, 42.3388,
93.7338

■ 103.8820, 33.0892,
73.7715

■ 75.1360, 44.7960,
98.9817

■ 115.2630, 28.4643,
63.7903

■ 126.1710, 24.5657,
54.2240

■ 137.5520, 19.9409,
44.2429

■ 148.9330, 15.3160,
34.2618

■ 160.3140, 10.6912,
24.2806

■ 171.8090, 6.5032,
14.1995

■ 182.6030, 2.1677,
4.7332

■ 193.9840, -2.4571,
-5.2480

Harmonies

Analogous

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



105.0000, 57.1880, -2.6310



92.5010, 37.7140, 83.7526



76.9240, 12.8555, 123.7237

Triad

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



92.5010, 37.7140, 83.7526



99.2980, -48.9539, 21.6637



98.3630, 39.2610, -86.2644

Complementary

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



92.5010, 37.7140, 83.7526



124.4990, -37.7140, -83.7526

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.



90.7250, 9.9956, -79.5658



92.5010, 37.7140, 83.7526



86.5640, -42.6761, -32.0666

Square

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



92.5010, 37.7140, 83.7526



97.8230, -48.2267, 68.5612



80.5280, -21.4593, -70.6231



101.0140, 62.1111, -88.5893

Rectangle

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



92.5010, 37.7140, 83.7526



71.6090, -6.2162, 127.5079



80.5280, -21.4593, -70.6231



95.9690, 30.0883, -84.1648

Sweetspot

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



92.5010, 37.7140, 83.7526



208.2810, 14.1585, 32.2026



52.8070, 66.6501, -4.2157



100.4120, 8.6709, 18.9327



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.5010, 37.7140, 83.7526



97.8790, 58.2337, 129.0251



83.4950, 3.2070, 91.6509



88.6030, 2.1677, 4.7332



63.0880, 37.4246, 83.2378



12.3470, 7.2239, 16.3587

Inverse Universe

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



92.5010, 37.7140, 83.7526



97.8790, 58.2337, 129.0251



133.5050, -3.2070, -91.6509



88.6030, 2.1677, 4.7332



63.0880, 37.4246, 83.2378



12.3470, 7.2239, 16.3587

Previews

White Background



This preview shows how the YUV color 92.5010, 37.7140, 83.7526 looks on a white background.

Color Contrast Check

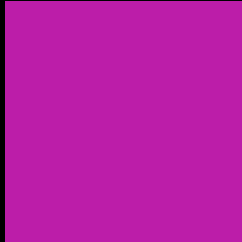
Large Text (above 18pt) WCAG AA ✓ Pass

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 92.5010, 37.7140, 83.7526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

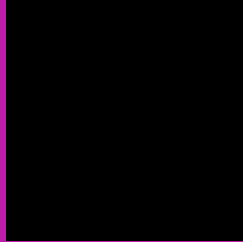
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 92.5010, 37.7140, 83.7526

Background



This preview shows how black text looks on a background with the YUV color 92.5010, 37.7140, 83.7526.



This preview shows how white text looks on a background with the YUV color 92.5010, 37.7140,

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

92.5010, 37.7140, 83.7526

Protanopia

85.5410, 66.2883, -75.0195

Deuteranopia

106.0510, 26.1039, -19.3387



Tritanopia

103.1610, -13.8834, 66.5108

Trichromacy



Original Color

92.5010, 37.7140, 83.7526



Protanomaly

87.8580, 55.7790, -17.4155



Deuteranomaly

101.4330, 30.3525, 18.0373



Tritanomaly

99.1290, 4.8664, 72.6779

Monochromacy



Original Color

92.5010, 37.7140, 83.7526



Achromatopsia

93.0000, 0.0000, 0.0000



Achromatomaly

93.1560, 13.7271, 30.5582

CSS Examples

Text

The CSS property to change the color of the text to YUV 92.5010, 37.7140, 83.7526 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(188, 29, 169)` looks like.

```
.text, #text, p{  
    color:rgb(188, 29, 169)  
}
```

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(188, 29, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 29, 169) }
```

Border

The CSS property to change the border of an element to YUV 92.5010, 37.7140, 83.7526 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(188, 29, 169) }
```


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

```
.border{ border-color:rgb(188, 29, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 29, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 29, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 29, 169); box-shadow:4px 4px 4px 4px rgb(188, 29, 169) }
```

Background

The CSS property to change the background color of an element to YUV 92.5010, 37.7140, 83.7526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 29, 169) }
```

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

```
.background{ background-color: rgb(188, 29,  
169) }
```

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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