

Converting Colors

YUV(78.9210, 0.5319, 109.6943)

Have a look what the booklet for
YUV(78.9210, 0.5319, 109.6943)
contains.

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Color

**YUV(78.9210, 0.5319,
109.6943)**

Conversions

Conversions Part 1

Format	Color
Hex	CC0F50
RGB	204, 15, 80
RGB Percent	80%, 6%, 31%
CMY	0.2000, 0.9412, 0.6863
CMYK	0.00, 0.93, 0.61, 0.20
HSL	339°, 86%, 43%
HSV	339°, 93%, 80%
XYZ	26.5206, 13.7582, 8.8472
YIQ	78.9210, 91.7790, 60.2830

Conversions

Conversions Part 2

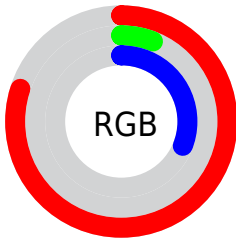
Format	Color
R_{YB}	204, 15, 80
Decimal	13373264
CIE _{Lab}	43.88, 68.61, 16.62
CIE _{LCh}	44, 70.591, 13.620
Yxy	13.7582, 0.5398, 0.2801
Android (android.graphics.Color)	4291563344 (0xFFCC0F50)
YUV	78.9210, 0.5319, 109.6943
Hunter-Lab	37.0921, 62.7155, 11.8225

Details

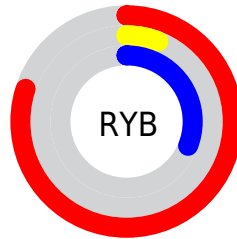
The YUV color **78.9210, 0.5319, 109.6943** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **140.0790, -0.5319, -109.6943**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.3680, -7.5764, 97.0243**, and **46.5620, -5.2071, 83.6991** is the 20% darker color. If you saturate the color by 10%, you get **68.9760, 0.5048, 118.4160**, and if you desaturate by 10%, it is **92.1430, 0.4225, 98.0986**.

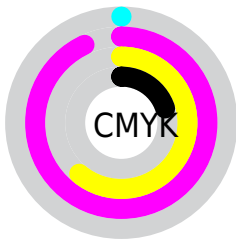
Distribution



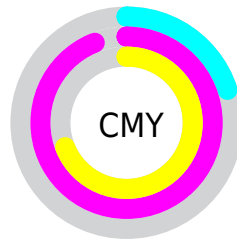
- Red (80%)
- Green (6%)
- Blue (31%)



- Red (80%)
- Yellow (6%)
- Blue (31%)



- Cyan (0%)
- Magenta (93%)
- Yellow (61%)
- Black (20%)



- Cyan (20%)
- Magenta (94%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.9210, 0.5319, 109.6943 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 78.9210, 0.5319, 109.6943 by changing the saturation by 10% instead.

■ 78.9210, 0.5319,
109.6943

■ 78.9210, 0.5319,
109.6943

255.0000, 0.0000,
0.0000

■ 58.2250, -0.6039,
100.6577

■ 144.3680, -7.5764,
97.0243

■ 46.5620, -5.2071,
83.6991

■ 164.3550, -4.6120,
79.4957

■ 35.3120, -9.5208,
67.2554

■ 184.3420, -1.6476,
61.9671

■ 24.7460, -11.2138,
50.2118

■ 205.1440, 1.9010,
43.7237

■ 15.7760, -6.7916,
31.7684

■ 225.3590, 5.7390,
25.9952

■ 0.0000, 0.0000,
0.0000

■ 245.0210, 4.9196,

■ 78.9210, 0.5319,
109.6943

■ 78.9210, 0.5319,
109.6943

■ 68.9760, 0.5048,
118.4160

■ 92.1430, 0.4225,
98.0986

■ 106.0660, 0.4605,
85.8881

■ 119.2880, 0.3510,
74.2924

■ 133.2110, 0.3890,
62.0820

■ 146.4330, 0.2795,
50.4863

■ 159.6550, 0.1701,
38.8906

■ 173.5780, 0.2080,
26.6801

■ 186.8000, 0.0986,
15.0844

■ 200.6090, -0.3002,
2.9739

Harmonies

Analogous

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



90.7390, 23.2997, 87.0519



78.9210, 0.5319, 109.6943



92.4780, -34.7457, 84.6498

Triad

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



78.9210, 0.5319, 109.6943



75.8110, -37.3748, -52.4542



95.1780, 60.0582, -83.4711

Complementary

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



78.9210, 0.5319, 109.6943



140.0790, -0.5319, -109.6943

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.



95.5250, 43.6182, -83.7754



78.9210, 0.5319, 109.6943



82.3010, -7.0504, -72.1780

Square

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



78.9210, 0.5319, 109.6943



95.0680, -46.8685, 6.0794



89.9560, 19.7417, -78.8914



84.8400, 66.1409, -74.4047

Rectangle

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



78.9210, 0.5319, 109.6943



96.5940, -47.6208, 60.8691



89.9560, 19.7417, -78.8914



96.0270, 55.6957, -84.2157

Sweetspot

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



78.9210, 0.5319, 109.6943



207.9650, 0.0173, 41.2497



73.3230, 64.4238, 56.7217



98.8660, 0.0661, 25.5505



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.



78.9210, 0.5319, 109.6943



86.2770, 0.8494, 147.9701



87.9470, -35.9629, 101.7785



95.3320, -0.1637, 5.8478



56.1320, 0.4279, 96.3542



12.8440, 0.0769, 22.0618

Inverse Universe

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



78.9210, 0.5319, 109.6943



86.2770, 0.8494, 147.9701



131.0530, 35.9629, -101.7785



95.3320, -0.1637, 5.8478



56.1320, 0.4279, 96.3542



12.8440, 0.0769, 22.0618

Previews

White Background



This preview shows how the YUV color 78.9210, 0.5319, 109.6943 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 78.9210, 0.5319, 109.6943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

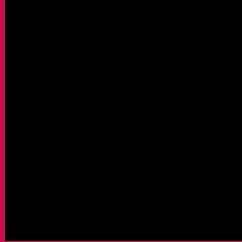
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.9210, 0.5319, 109.6943

Background



This preview shows how black text looks on a background with the YUV color 78.9210, 0.5319, 109.6943.



This preview shows how white text looks on a background with the YUV color 78.9210, 0.5319, 109.6943.

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

78.9210, 0.5319, 109.6943

Protanopia

105.9550, 4.9522, -1.7145

Deuteranopia

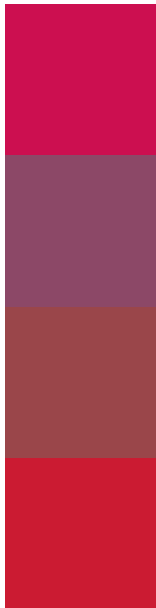
105.0550, -16.7891, 18.3688



Tritanopia

84.1180, -25.2012, 103.3825

Trichromacy



Original Color

78.9210, 0.5319, 109.6943

Protanomaly

95.8660, 3.5171, 38.7055

Deuteranomaly

95.5720, -10.6350, 51.2414

Tritanomaly

82.2460, -15.8973, 105.9013

Monochromacy



Original Color

78.9210, 0.5319, 109.6943

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

78.9540, 0.0227, 39.5053

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.9210, 0.5319, 109.6943 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(204, 15, 80)` looks like.

```
.text, #text, p{  
    color:rgb(204, 15, 80)  
}
```

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(204, 15, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 15, 80) }
```

Border

The CSS property to change the border of an element to YUV 78.9210, 0.5319, 109.6943 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(204, 15, 80) }
```


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

```
.border{ border-color:rgb(204, 15, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 15, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 15, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 15, 80);  
box-shadow:4px 4px 4px 4px rgb(204, 15,  
80) }
```

Background

The CSS property to change the background color of an element to YUV 78.9210, 0.5319, 109.6943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 15, 80) }
```

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

```
.background{ background-color: rgb(204, 15,  
80) }
```

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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