

Converting Colors

YUV(100.7210, -29.9355,
81.8057)

Have a look what the booklet for
YUV(100.7210, -29.9355, 81.8057)
contains.

YUV(100.7210, -29.9355, 81.8057)	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(100.7210, -29.9355,
81.8057)**

Conversions

Conversions Part 1

Format	Color
Hex	C24128
RGB	194, 65, 40
RGB Percent	76%, 25%, 16%
CMY	0.2392, 0.7451, 0.8431
CMYK	0.00, 0.66, 0.79, 0.24
HSL	10°, 66%, 46%
HSV	10°, 79%, 76%
XYZ	24.5214, 15.4031, 3.6882
YIQ	100.7210, 84.9090, 19.5730

Conversions

Conversions Part 2

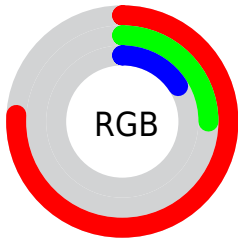
Format	Color
RYB	194, 70, 40
Decimal	12730664
CIELab	46.18, 50.28, 42.50
CIELCh	46, 65.833, 40.206
Yxy	15.4031, 0.5623, 0.3532
Android (android.graphics.Color)	4290920744 (0xFFC24128)
YUV	100.7210, -29.9355, 81.8057
Hunter-Lab	39.2468, 42.8450, 21.9011

Details

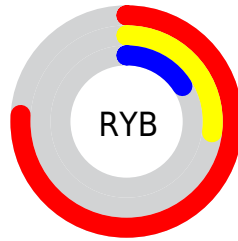
The YUV color **100.7210, -29.9355, 81.8057** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **133.2790, 29.9355, -81.8057**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.0160, -34.0249, 86.8090**, and **39.7670, -19.6051, 81.7653** is the 20% darker color. If you saturate the color by 10%, you get **89.1630, -33.6044, 91.9420**, and if you desaturate by 10%, it is **112.2790, -26.2665, 71.6693**.

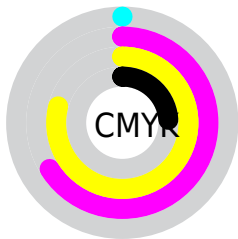
Distribution



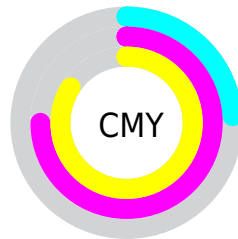
- Red (76%)
- Green (25%)
- Blue (16%)



- Red (76%)
- Yellow (27%)
- Blue (16%)



- Cyan (0%)
- Magenta (66%)
- Yellow (79%)
- Black (24%)



- Cyan (24%)
- Magenta (75%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.7210, -29.9355, 81.8057 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 100.7210, -29.9355, 81.8057 by changing the saturation by 10% instead.

■ 100.7210,
-29.9355, 81.8057

■ 100.7210,
-29.9355, 81.8057

■ 255.0000, 0.0000,
0.0000

■ 71.8070, -27.0199,
79.9763

■ 156.0160,
-34.0249, 86.8090

■ 39.7670, -19.6051,
81.7653

■ 174.7150,
-30.9185, 70.4099

■ 30.4980, -15.0355,
62.7073

■ 194.1150,
-27.6647, 53.3961

■ 21.8270, -10.7607,
44.8787

■ 214.2160,
-24.2635, 35.7676

■ 13.6830, -5.7597,
27.4650

■ 234.3170,
-20.8623, 18.1390

■ 0.0000, 0.0000,
0.0000

■ 251.0100,

-15.2879, 3.4992

254.3160, -2.6208,
0.5999

■ 100.7210,
-29.9355, 81.8057

■ 100.7210,
-29.9355, 81.8057

■ 89.1630, -33.6044,
91.9420

■ 112.2790,
-26.2665, 71.6693

■ 76.9040, -37.4207,
102.6932

■ 124.5380,
-22.4502, 60.9182

■ 76.2030, -37.5681,
103.3080

■ 136.0960,
-18.7813, 50.7818

■ 147.7680,
-14.6756, 40.5455

■ 159.3260,
-11.0067, 30.4091

■ 171.4710, -7.6272,
19.7579

■ 183.1430, -3.5215,
9.5216

■ 194.7010, 0.1474,
-0.6148

■ 206.3730, 4.2531,
-10.8511

Harmonies

Analogous

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



95.9640, -1.4613, 95.6246



100.7210, -29.9355, 81.8057



103.0290, -50.7933, 51.7176

Triad

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



100.7210, -29.9355, 81.8057



84.7630, -7.7712, -74.3372



89.5360, 63.8258, -78.5231

Complementary

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



100.7210, -29.9355, 81.8057



133.2790, 29.9355, -81.8057

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.



98.3580, 57.0115, -86.2600



100.7210, -29.9355, 81.8057



93.1360, 16.6950, -81.6803

Square

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



100.7210, -29.9355, 81.8057



88.6240, -43.6916, -32.9962



98.0040, 40.4240, -85.9495



111.8920, 40.9722, 18.5117

Rectangle

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



100.7210, -29.9355, 81.8057



102.2770, -50.4226, 26.0671



98.0040, 40.4240, -85.9495



93.2860, 62.9630, -81.8118

Sweetspot

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



100.7210, -29.9355, 81.8057



215.8100, -11.7383, 31.7386



100.9800, 34.5199, 81.5785



105.5850, -7.1904, 19.6580



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.



100.7210, -29.9355, 81.8057



107.3540, -46.5165, 126.8545



144.7460, -51.6398, 43.1958



91.1640, -2.0529, 5.1182



63.4010, -31.2567, 85.5943



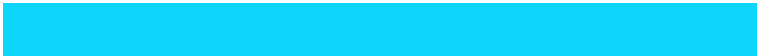
12.8020, -6.3114, 17.7136

Inverse Universe

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



133.2790, 29.9355, -81.8057



158.2330, 46.2271, -127.3693



89.2540, 51.6398, -43.1958



92.8360, 2.0529, -5.1182



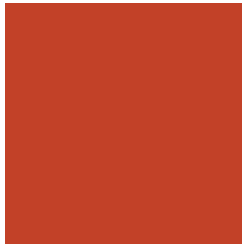
97.5990, 31.2567, -85.5943



20.1980, 6.3114, -17.7136

Previews

White Background



This preview shows how the YUV color 100.7210, -29.9355, 81.8057 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 100.7210, -29.9355, 81.8057 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 100.7210, -29.9355, 81.8057

Background



This preview shows how black text looks on a background with the YUV color 100.7210, -29.9355, 81.8057.



This preview shows how white text looks on a background with the YUV color 100.7210, -29.9355,

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

100.7210, -29.9355, 81.8057

Protanopia

107.0900, -26.6664, 13.0761

Deuteranopia

106.2030, -38.0611, 27.8860



Tritanopia

102.1090, -18.2947, 81.4654

Trichromacy



Original Color

100.7210, -29.9355, 81.8057

Protanomaly

104.9020, -28.0527, 37.7969

Deuteranomaly

103.8340, -34.9212, 47.5036

Tritanomaly

101.6700, -22.5153, 81.8504

Monochromacy



Original Color

100.7210, -29.9355, 81.8057

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

101.0270, -10.8593, 29.7943

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.7210, -29.9355, 81.8057 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(194, 65, 40)` looks like.

```
.text, #text, p{  
    color:rgb(194, 65, 40)  
}
```

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(194, 65, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 65, 40) }
```

Border

The CSS property to change the border of an element to YUV 100.7210, -29.9355, 81.8057 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(194, 65, 40) }
```


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

```
.border{ border-color:rgb(194, 65, 40) }
```

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

Here you see how a box with a 4 pixel rgb(194, 65, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 65, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 65, 40);  
box-shadow:4px 4px 4px 4px rgb(194, 65,  
40) }
```

Background

The CSS property to change the background color of an element to YUV 100.7210, -29.9355, 81.8057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 65, 40) }
```

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

```
.background{ background-color: rgb(194, 65,  
40) }
```

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