

Converting Colors

YUV(83.8590, -29.0175,
114.1337)

Have a look what the booklet for
YUV(83.8590, -29.0175, 114.1337)
contains.

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Color

**YUV(83.8590, -29.0175,
114.1337)**

Conversions

Conversions Part 1

Format	Color
Hex	D61D19
RGB	214, 29, 25
RGB Percent	84%, 11%, 10%
CMY	0.1608, 0.8863, 0.9020
CMYK	0.00, 0.86, 0.88, 0.16
HSL	1°, 79%, 47%
HSV	1°, 88%, 84%
XYZ	28.3464, 15.2451, 2.3683
YIQ	83.8590, 111.5440, 37.9760

Conversions

Conversions Part 2

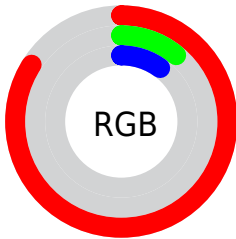
Format	Color
R_{YB}	214, 29, 25
Decimal	14032153
CIE Lab	45.97, 66.96, 51.01
CIE LCh	46, 84.175, 37.304
Yxy	15.2451, 0.6168, 0.3317
Android (android.graphics.Color)	4292222233 (0xFFD61D19)
YUV	83.8590, -29.0175, 114.1337
Hunter-Lab	39.0449, 61.2614, 23.7352

Details

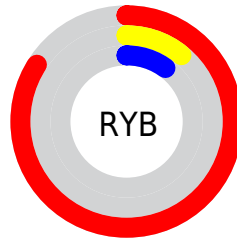
The YUV color **83.8590, -29.0175, 114.1337** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **155.1410, 29.0175, -114.1337**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.3920, -34.2103, 99.6342**, and **44.5510, -21.9636, 91.6018** is the 20% darker color. If you saturate the color by 10%, you get **69.1380, -32.1130, 127.0440**, and if you desaturate by 10%, it is **98.5800, -25.9219, 101.2233**.

Distribution



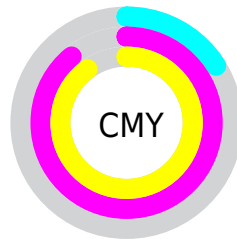
- Red (84%)
- Green (11%)
- Blue (10%)



- Red (84%)
- Yellow (11%)
- Blue (10%)



- Cyan (0%)
- Magenta (86%)
- Yellow (88%)
- Black (16%)



- Cyan (16%)
- Magenta (89%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.8590, -29.0175, 114.1337 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 83.8590, -29.0175, 114.1337 by changing the saturation by 10% instead.

■ 83.8590, -29.0175,
114.1337

■ 83.8590, -29.0175,
114.1337

255.0000, 0.0000,
0.0000

■ 54.2330, -26.2439,
111.1747

■ 141.3920,
-34.2103, 99.6342

■ 44.5510, -21.9636,
91.6018

■ 161.2650,
-31.6826, 82.2056

■ 34.9830, -17.2466,
71.9289

■ 181.1380,
-29.1550, 64.7770

■ 25.8280, -12.2402,
52.7708

■ 201.2390,
-25.7538, 47.1484

■ 17.2710, -7.5286,
34.8423

■ 221.9270,
-22.6420, 29.0050


■ 4.7840, -2.3585,
9.8364


■ 242.0280,


■ 0.0000, 0.0000,


-19.2408, 11.3764


0.0000


 252.3780,
-10.0464, 2.2995


 83.8590, -29.0175,
114.1337


 83.8590, -29.0175,
114.1337


 69.1380, -32.1130,
127.0440

 98.5800, -25.9219,
101.2233

 66.9210, -32.9921,
128.9883

 113.4150,
-22.3896, 88.2130

 128.1360,
-19.2940, 75.3027

 142.9710,
-15.7617, 62.2924

 157.6920,
-12.6662, 49.3821

■ 172.4130, -9.5706,
36.4718

■ 187.2480, -6.0383,
23.4615

■ 201.9690, -2.9427,
10.5512

■ 216.8040, 0.5896,
-2.4591

Harmonies

Analogous

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



78.7030, 8.0344, 130.0565



83.8590, -29.0175, 114.1337



101.6330, -50.1051, 64.3429

Triad

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



83.8590, -29.0175, 114.1337



84.2440, -17.3753, -73.8820



95.6460, 77.0825, -83.8815

Complementary

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



83.8590, -29.0175, 114.1337



155.1410, 29.0175, -114.1337

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.



104.3710, 67.3581, -91.5334



83.8590, -29.0175, 114.1337



94.6690, 14.9532, -83.0247

Square

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



83.8590, -29.0175, 114.1337



82.0240, -40.4378, -50.0100



102.5350, 45.0922, -89.9232



108.8710, 56.2656, 13.2681

Rectangle

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



83.8590, -29.0175, 114.1337



102.6090, -50.5862, 31.9149



102.5350, 45.0922, -89.9232



99.7550, 75.0568, -87.4851

Sweetspot

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



83.8590, -29.0175, 114.1337



209.3210, -10.0183, 40.0605



102.7150, 53.3845, 97.5969



100.5470, -6.1857, 24.0763



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.



83.8590, -29.0175, 114.1337



79.1800, -39.0357, 154.1941



139.0370, -56.2202, 65.7426



99.8760, -1.9109, 6.2477



53.4770, -26.3642, 103.0677



13.4440, -6.6279, 25.9206

Inverse Universe

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



155.1410, 29.0175, -114.1337



175.8200, 39.0357, -154.1941



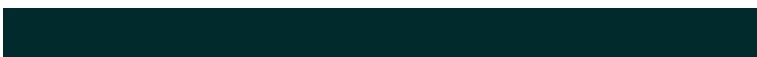
99.9630, 56.2202, -65.7426



103.7110, 1.6215, -6.7625



117.5230, 26.3642, -103.0677



29.5560, 6.6279, -25.9206

Previews

White Background



This preview shows how the YUV color 83.8590, -29.0175, 114.1337 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



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 83.8590, -29.0175, 114.1337

Background



This preview shows how black text looks on a background with the YUV color 83.8590, -29.0175, 114.1337.



This preview shows how white text looks on a background with the YUV color 83.8590, -29.0175,

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

83.8590, -29.0175, 114.1337

Protanopia

106.2490, -31.1818, 14.6906

Deuteranopia

102.6090, -50.5862, 31.9149



Tritanopia

83.8590, -29.0175, 114.1337

Trichromacy



Original Color

83.8590, -29.0175, 114.1337

Protanomaly

98.2950, -30.7114, 50.6073

Deuteranomaly

95.8590, -42.8215, 61.5137

Tritanomaly

83.8590, -29.0175, 114.1337

Monochromacy



Original Color

83.8590, -29.0175, 114.1337

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.9190, -10.3131, 41.2900

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.8590, -29.0175, 114.1337 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(214, 29, 25)` looks like.

```
.text, #text, p{  
    color:rgb(214, 29, 25)  
}
```

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(214, 29, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 29, 25) }
```

Border

The CSS property to change the border of an element to YUV 83.8590, -29.0175, 114.1337 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(214, 29, 25) }
```


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

```
.border{ border-color:rgb(214, 29, 25) }
```

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

Here you see how a box with a 4 pixel rgb(214, 29, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 29, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 29, 25);  
box-shadow:4px 4px 4px 4px rgb(214, 29,  
25) }
```

Background

The CSS property to change the background color of an element to YUV 83.8590, -29.0175, 114.1337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 29, 25) }
```

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

```
.background{ background-color: rgb(214, 29,  
25) }
```

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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