

Converting Colors

YUV(86.0520, -21.7176,
106.0714)

Have a look what the booklet for
YUV(86.0520, -21.7176, 106.0714)
contains.

YUV(86.0520, -21.7176, 106.0714)	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(86.0520, -21.7176,
106.0714)**

Conversions

Conversions Part 1

Format	Color
Hex	CF212A
RGB	207, 33, 42
RGB Percent	81%, 13%, 16%
CMY	0.1882, 0.8706, 0.8353
CMYK	0.00, 0.84, 0.80, 0.19
HSL	357°, 72%, 47%
HSV	357°, 84%, 81%
XYZ	26.6939, 14.5203, 3.5863
YIQ	86.0520, 100.8150, 39.6870

Conversions

Conversions Part 2

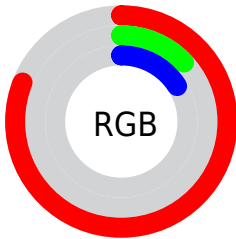
Format	Color
RYB	207, 33, 42
Decimal	13574442
CIELab	44.97, 64.64, 41.01
CIELCh	45, 76.548, 32.395
Yxy	14.5203, 0.5958, 0.3241
Android (android.graphics.Color)	4291764522 (0xFFCF212A)
YUV	86.0520, -21.7176, 106.0714
Hunter-Lab	38.1055, 58.3594, 21.0938

Details

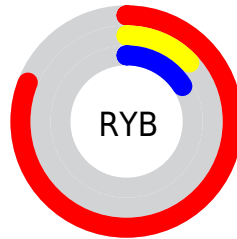
The YUV color **86.0520, -21.7176, 106.0714** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **153.9480, 21.7176, -106.0714**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.8030, -27.5109, 97.5198**, and **43.0560, -21.2266, 88.5279** is the 20% darker color. If you saturate the color by 10%, you get **71.4450, -24.3764, 118.8817**, and if you desaturate by 10%, it is **100.6590, -19.0589, 93.2611**.

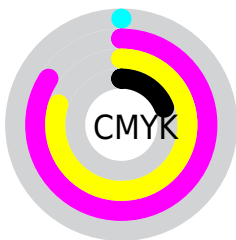
Distribution



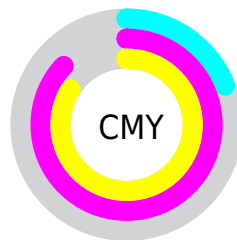
- Red (81%)
- Green (13%)
- Blue (16%)



- Red (81%)
- Yellow (13%)
- Blue (16%)



- Cyan (0%)
- Magenta (84%)
- Yellow (80%)
- Black (19%)



- Cyan (19%)
- Magenta (87%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.0520, -21.7176, 106.0714 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 86.0520, -21.7176, 106.0714 by changing the saturation by 10% instead.

■ 86.0520, -21.7176,
106.0714

■ 86.0520, -21.7176,
106.0714

255.0000, 0.0000,
0.0000

■ 54.6050, -17.0603,
105.5864

■ 143.8030,
-27.5109, 97.5198

■ 43.0560, -21.2266,
88.5279

■ 163.6760,
-24.9833, 80.0911

■ 33.4880, -16.5096,
68.8550

■ 183.6630,
-22.0189, 62.5625

■ 24.7460, -11.2138,
50.2118

■ 203.0630,
-18.7651, 45.5487

■ 15.7760, -6.7916,
31.7684

■ 223.8650,
-15.2164, 27.3054

■ 0.0000, 0.0000,
0.0000

■ 244.6670,

-11.6678, 9.0620

254.3160, -2.6208,
0.5999

■ 86.0520, -21.7176,
106.0714

■ 86.0520, -21.7176,
106.0714

■ 71.4450, -24.3764,
118.8817

■ 100.6590,
-19.0589, 93.2611

■ 63.1470, -25.7085,
126.1591

■ 114.5650,
-16.5475, 81.0655

■ 129.1720,
-13.8888, 68.2552

■ 143.7790,
-11.2300, 55.4448

■ 157.6850, -8.7187,
43.2493

■ 172.2920, -6.0600,
30.4389

■ 186.7850, -3.8380,
17.7286

■ 201.3920, -1.1793,
4.9182

■ 215.4120, 1.7689,
-7.3773

Harmonies

Analogous

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



75.5430, 14.0293, 120.5498



86.0520, -21.7176, 106.0714



98.1110, -48.3687, 67.4317

Triad

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



86.0520, -21.7176, 106.0714



80.3970, -19.4227, -70.5082



93.8220, 70.0938, -82.2819

Complementary

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



86.0520, -21.7176, 106.0714



153.9480, 21.7176, -106.0714

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.



100.3300, 59.4903, -87.9894



86.0520, -21.7176, 106.0714



90.0240, 9.8482, -78.9510

Square

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



86.0520, -21.7176, 106.0714



88.0700, -43.4185, -27.2484



97.9070, 37.5138, -85.8644



105.9030, 54.2778, -2.5459

Rectangle

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



86.0520, -21.7176, 106.0714



100.5820, -49.5869, 38.0776



97.9070, 37.5138, -85.8644



97.2300, 67.9206, -85.2707

Sweetspot

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



86.0520, -21.7176, 106.0714



210.5920, -7.6869, 38.9458



101.2740, 52.1229, 82.1977



100.8890, -4.8753, 23.7763



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.



86.0520, -21.7176, 106.0714



77.7270, -31.9104, 155.4684



129.0510, -47.3531, 68.3613



97.4030, -1.1847, 6.6626



51.2580, -20.8332, 102.3827



12.4870, -5.1701, 25.0059

Inverse Universe

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



86.0520, -21.7176, 106.0714



77.7270, -31.9104, 155.4684



110.9490, 47.3531, -68.3613



97.4030, -1.1847, 6.6626



51.2580, -20.8332, 102.3827



12.4870, -5.1701, 25.0059

Previews

White Background



This preview shows how the YUV color 86.0520, -21.7176, 106.0714 looks on a white background.

Color Contrast Check

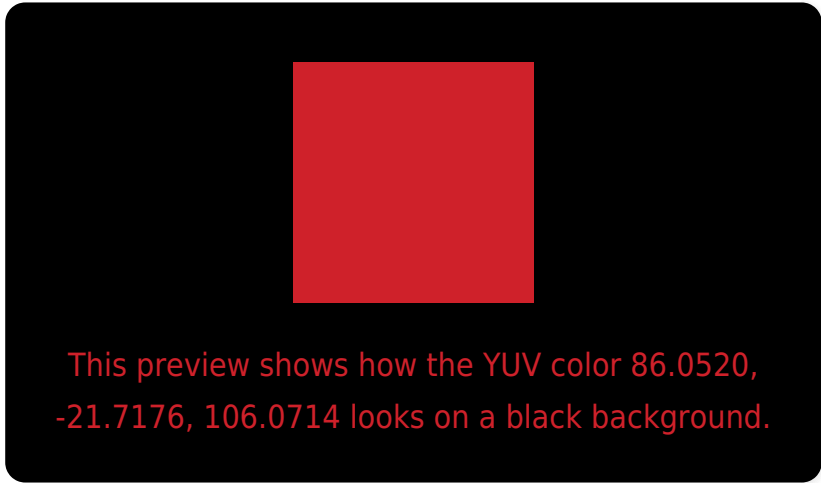
Large Text (above 18pt) WCAG AA ✓ Pass

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 86.0520, -21.7176, 106.0714

Background



This preview shows how black text looks on a background with the YUV color 86.0520, -21.7176, 106.0714.



This preview shows how white text looks on a background with the YUV color 86.0520, -21.7176,

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

86.0520, -21.7176, 106.0714

Protanopia

105.7460, -21.5668, 10.7468

Deuteranopia

103.4310, -37.1875, 27.6860



Tritanopia

86.2000, -26.2276, 105.9416

Trichromacy



Original Color

86.0520, -21.7176, 106.0714

Protanomaly

98.6670, -21.5278, 45.0190

Deuteranomaly

97.1000, -31.6013, 56.0403

Tritanomaly

85.9550, -24.6278, 106.1565

Monochromacy



Original Color

86.0520, -21.7176, 106.0714

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.1790, -7.9762, 38.4310

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.0520, -21.7176, 106.0714 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(207, 33, 42)` looks like.

```
.text, #text, p{  
    color:rgb(207, 33, 42)  
}
```

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(207, 33, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 33, 42) }
```

Border

The CSS property to change the border of an element to YUV 86.0520, -21.7176, 106.0714 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(207, 33, 42) }
```


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

```
.border{ border-color:rgb(207, 33, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 33, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 33, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 33, 42);  
box-shadow:4px 4px 4px 4px rgb(207, 33,  
42) }
```

Background

The CSS property to change the background color of an element to YUV 86.0520, -21.7176, 106.0714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 33, 42) }
```

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

```
.background{ background-color: rgb(207, 33,  
42) }
```

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