

Converting Colors

YUV(81.9220, -21.1605,
114.0784)

Have a look what the booklet for
YUV(81.9220, -21.1605, 114.0784)
contains.

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Color

**YUV(81.9220, -21.1605,
114.0784)**

Conversions

Conversions Part 1

Format	Color
Hex	D41827
RGB	212, 24, 39
RGB Percent	83%, 9%, 15%
CMY	0.1686, 0.9059, 0.8471
CMYK	0.00, 0.89, 0.82, 0.17
HSL	355°, 80%, 46%
HSV	355°, 89%, 83%
XYZ	27.8442, 14.7968, 3.3080
YIQ	81.9220, 107.2330, 44.5210

Conversions

Conversions Part 2

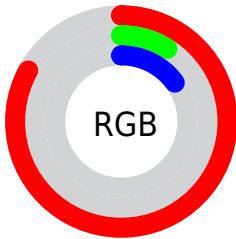
Format	Color
RYB	212, 24, 39
Decimal	13899815
CIELab	45.35, 67.61, 43.38
CIElCh	45, 80.333, 32.682
Yxy	14.7968, 0.6060, 0.3220
Android (android.graphics.Color)	4292089895 (0xFFD41827)
YUV	81.9220, -21.1605, 114.0784
Hunter-Lab	38.4666, 61.8914, 21.8279

Details

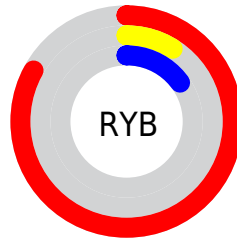
The YUV color **81.9220, -21.1605, 114.0784** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **154.0780, 21.1605, -114.0784**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.1130, -27.6637, 99.8789**, and **44.2520, -21.8162, 90.9870** is the 20% darker color. If you saturate the color by 10%, you get **67.3150, -23.8193, 126.8887**, and if you desaturate by 10%, it is **96.5290, -18.5018, 101.2681**.

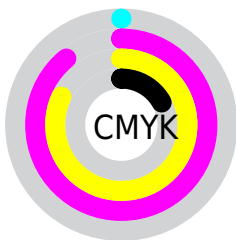
Distribution



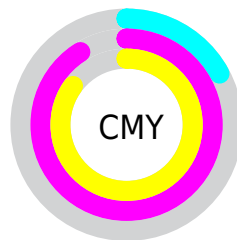
- Red (83%)
- Green (9%)
- Blue (15%)



- Red (83%)
- Yellow (9%)
- Blue (15%)



- Cyan (0%)
- Magenta (89%)
- Yellow (82%)
- Black (17%)



- Cyan (17%)
- Magenta (91%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.9220, -21.1605, 114.0784 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 81.9220, -21.1605, 114.0784 by changing the saturation by 10% instead.

■ 81.9220, -21.1605,
114.0784

■ 81.9220, -21.1605,
114.0784

255.0000, 0.0000,
0.0000

■ 55.7580, -19.1077,
108.9602

■ 141.1130,
-27.6637, 99.8789

■ 44.2520, -21.8162,
90.9870

■ 161.5730,
-25.4255, 81.9355

■ 34.6840, -17.0992,
71.3141

■ 181.5600,
-22.4611, 64.4069

■ 25.6430, -11.6560,
52.0561

■ 201.5470,
-19.4967, 46.8783

■ 16.9720, -7.3812,
34.2276

■ 222.2350,
-16.3849, 28.7349

■ 3.5880, -1.7689,
7.3773

■ 242.4500,

■ 0.0000, 0.0000,

-12.5468, 11.0064

0.0000

253.9740, -3.9312,
0.8998

81.9220, -21.1605,
114.0784

81.9220, -21.1605,
114.0784

67.3150, -23.8193,
126.8887

96.5290, -18.5018,
101.2681

65.3260, -23.8247,
128.6331


111.0220,
-16.2798, 88.5577

126.2160,
-13.9105, 75.2326


140.7090,
-11.6885, 62.5222

155.3160, -9.0298,
49.7119

 169.8090, -6.8078,
37.0015

 184.4160, -4.1491,
24.1912

 199.4960, -2.2165,
10.9660

 214.1030, 0.4422,
-1.8443

Harmonies

Analogous

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



77.4510, 13.5817, 124.1385



81.9220, -21.1605, 114.0784



99.0080, -48.8109, 69.2760

Triad

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



81.9220, -21.1605, 114.0784



81.3430, -20.8751, -71.3378



95.3210, 73.2987, -83.5965

Complementary

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



81.9220, -21.1605, 114.0784



154.0780, 21.1605, -114.0784

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.



102.3020, 61.9691, -89.7189



81.9220, -21.1605, 114.0784



91.4260, 10.1430, -80.1806

Square

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



81.9220, -21.1605, 114.0784



88.0480, -43.4077, -30.7371



99.0640, 39.4084, -86.8791



106.8860, 56.7512, -2.5310

Rectangle

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



81.9220, -21.1605, 114.0784



101.4680, -50.0237, 38.1776



99.0640, 39.4084, -86.8791



98.7290, 71.1256, -86.5853

Sweetspot

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



81.9220, -21.1605, 114.0784



207.3150, -7.5503, 41.8197



96.8600, 56.7640, 86.9458



99.6010, -4.7333, 24.9059



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.



81.9220, -21.1605, 114.0784



78.5250, -28.8528, 154.7686



125.9980, -50.2850, 75.4238



99.4030, -1.1847, 6.6626



52.7250, -19.0914, 103.7272



13.1990, -5.0281, 26.1355

Inverse Universe

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



81.9220, -21.1605, 114.0784



78.5250, -28.8528, 154.7686



110.0020, 50.2850, -75.4238



99.4030, -1.1847, 6.6626



52.7250, -19.0914, 103.7272



13.1990, -5.0281, 26.1355

Previews

White Background



This preview shows how the YUV color 81.9220, -21.1605, 114.0784 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 81.9220, -21.1605, 114.0784 Background



This preview shows how black text looks on a background with the YUV color 81.9220, -21.1605, 114.0784.



This preview shows how white text looks on a background with the YUV color 81.9220, -21.1605,

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

81.9220, -21.1605, 114.0784

Protanopia

106.4040, -22.8772, 11.0467

Deuteranopia

103.8180, -40.8293, 29.1006



Tritanopia

81.8590, -29.0175, 114.1337

Trichromacy



Original Color

81.9220, -21.1605, 114.0784

Protanomaly

97.4610, -22.4123, 48.7077

Deuteranomaly

95.6660, -33.3593, 59.9289

Tritanomaly

81.9560, -26.1073, 114.0486

Monochromacy



Original Color

81.9220, -21.1605, 114.0784

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

81.9020, -7.8397, 41.3049

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.9220, -21.1605, 114.0784 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(212, 24, 39)` looks like.

```
.text, #text, p{  
    color:rgb(212, 24, 39)  
}
```

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(212, 24, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 24, 39) }
```

Border

The CSS property to change the border of an element to YUV 81.9220, -21.1605, 114.0784 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(212, 24, 39) }
```


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

```
.border{ border-color:rgb(212, 24, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 24, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 24, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 24, 39);  
box-shadow:4px 4px 4px 4px rgb(212, 24,  
39) }
```

Background

The CSS property to change the background color of an element to YUV 81.9220, -21.1605, 114.0784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 24, 39) }
```

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

```
.background{ background-color: rgb(212, 24,  
39) }
```

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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