

Converting Colors

YUV(72.6540, -21.5214,
89.7574)

Have a look what the booklet for
YUV(72.6540, -21.5214, 89.7574)
contains.

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Color

**YUV(72.6540, -21.5214,
89.7574)**

Conversions

Conversions Part 1

Format	Color
Hex	AF1D1D
RGB	175, 29, 29
RGB Percent	69%, 11%, 11%
CMY	0.3137, 0.8863, 0.8863
CMYK	0.00, 0.83, 0.83, 0.31
HSL	0°, 72%, 40%
HSV	0°, 83%, 69%
XYZ	18.3403, 10.0814, 2.1417
YIQ	72.6540, 87.0160, 30.9520

Conversions

Conversions Part 2

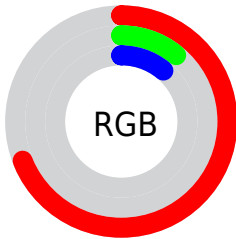
Format	Color
RYB	175, 29, 29
Decimal	11476253
CIELab	37.99, 56.22, 39.10
CIElCh	38, 68.480, 34.813
Yxy	10.0814, 0.6001, 0.3299
Android (android.graphics.Color)	4289666333 (0xFFAF1D1D)
YUV	72.6540, -21.5214, 89.7574
Hunter-Lab	31.7512, 47.5416, 18.2267

Details

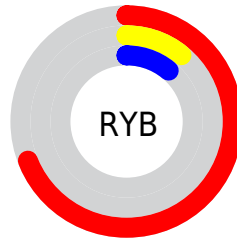
The YUV color **72.6540, -21.5214, 89.7574** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **131.3460, 21.5214, -89.7574**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.4280, -28.8050, 92.5866**, and **33.7870, -16.6570, 69.4698** is the 20% darker color. If you saturate the color by 10%, you get **60.7370, -24.0273, 100.2087**, and if you desaturate by 10%, it is **85.2720, -18.8681, 78.6915**.

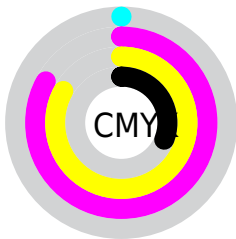
Distribution



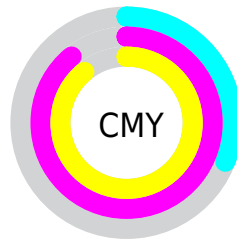
- Red (69%)
- Green (11%)
- Blue (11%)



- Red (69%)
- Yellow (11%)
- Blue (11%)



- Cyan (0%)
- Magenta (83%)
- Yellow (83%)
- Black (31%)



- Cyan (31%)
- Magenta (89%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.6540, -21.5214, 89.7574 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 72.6540, -21.5214, 89.7574 by changing the saturation by 10% instead.

■ 72.6540, -21.5214,
89.7574

■ 72.6540, -21.5214,
89.7574

255.0000, 0.0000,
0.0000

■ 43.7400, -18.6058,
87.9280

■ 132.4280,
-28.8050, 92.5866

■ 33.7870, -16.6570,
69.4698

■ 156.7970,
-28.4939, 86.1240

■ 24.8170, -12.2348,
51.0265

■ 175.4960,
-25.3875, 69.7250

■ 16.9720, -7.3812,
34.2276

■ 195.4830,
-22.4231, 52.1964

■ 3.5880, -1.7689,
7.3773

■ 214.9970,
-18.7325, 35.0826

■ 0.0000, 0.0000,
0.0000

■ 235.0980,

-15.3313, 17.4541

■ 252.3780,
-10.0464, 2.2995

■ 72.6540, -21.5214,
89.7574

■ 72.6540, -21.5214,
89.7574

■ 60.7370, -24.0273,
100.2087

■ 85.2720, -18.8681,
78.6915

■ 52.3250, -25.7962,
107.5860

■ 97.1890, -16.3622,
68.2402

■ 109.8070,
-13.7089, 57.1743

■ 121.7240,
-11.2029, 46.7231

■ 134.3420, -8.5496,
35.6571

■ 146.2590, -6.0437,
25.2059

■ 158.8770, -3.3904,
14.1399

■ 170.7940, -0.8844,
3.6887

■ 183.4120, 1.7689,
-7.3773

Harmonies

Analogous

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



64.1790, 9.2788, 104.2060



72.6540, -21.5214, 89.7574



82.9830, -40.9106, 55.2659

Triad

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



72.6540, -21.5214, 89.7574



68.3150, -14.9453, -59.9123



78.2060, 61.0304, -68.5867

Complementary

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



72.6540, -21.5214, 89.7574



131.3460, 21.5214, -89.7574

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.



84.5830, 52.4636, -74.1793



72.6540, -21.5214, 89.7574



76.8020, 9.9576, -67.3554

Square

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



72.6540, -21.5214, 89.7574



72.1220, -35.5561, -29.0480



83.0720, 33.9815, -72.8541



89.6560, 45.5256, 4.6867

Rectangle

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



72.6540, -21.5214, 89.7574



84.5900, -41.7029, 29.3006



83.0720, 33.9815, -72.8541



81.7280, 59.2941, -71.6755

Sweetspot

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



72.6540, -21.5214, 89.7574



187.0430, -8.4022, 35.0423



89.2980, 42.2511, 75.1607



90.4650, -5.1592, 21.5172



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.6540, -21.5214, 89.7574



67.8730, -33.4614, 139.5544



115.5050, -42.6470, 52.1771



80.6910, -1.3267, 5.5330



44.8500, -22.1110, 92.2166



6.8770, -3.3904, 14.1399

Inverse Universe

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



131.3460, 21.5214, -89.7574



159.1270, 33.4614, -139.5544



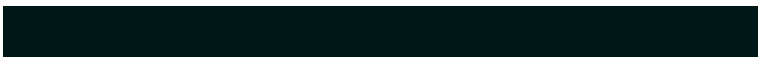
88.4950, 42.6470, -52.1771



84.3090, 1.3267, -5.5330



105.1500, 22.1110, -92.2166



16.1230, 3.3904, -14.1399

Previews

White Background



This preview shows how the YUV color 72.6540, -21.5214, 89.7574 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 72.6540, -21.5214, 89.7574 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 72.6540, -21.5214, 89.7574

Background



This preview shows how black text looks on a background with the YUV color 72.6540, -21.5214, 89.7574.



This preview shows how white text looks on a background with the YUV color 72.6540, -21.5214,

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

72.6540, -21.5214, 89.7574

Protanopia

88.6320, -22.0036, 10.8467

Deuteranopia

86.1210, -37.0347, 25.3269



Tritanopia

72.5400, -21.9582, 89.8574

Trichromacy



Original Color

72.6540, -21.5214, 89.7574

Protanomaly

82.6340, -21.5116, 39.7860

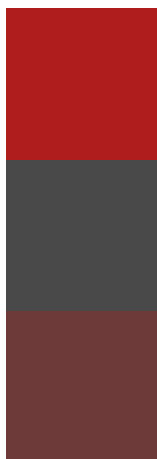
Deuteranomaly

81.1700, -31.1428, 48.9629

Tritanomaly

72.5400, -21.9582, 89.8574

Monochromacy



Original Color

72.6540, -21.5214, 89.7574

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.8470, -7.8126, 32.5832

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.6540, -21.5214, 89.7574 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(175, 29, 29)` looks like.

```
.text, #text, p{  
    color:rgb(175, 29, 29)  
}
```

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(175, 29, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 29, 29) }
```

Border

The CSS property to change the border of an element to YUV 72.6540, -21.5214, 89.7574 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(175, 29, 29) }
```


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

```
.border{ border-color:rgb(175, 29, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 29, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 29, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 29, 29);  
box-shadow:4px 4px 4px 4px rgb(175, 29,  
29) }
```

Background

The CSS property to change the background color of an element to YUV 72.6540, -21.5214, 89.7574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 29, 29) }
```

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

```
.background{ background-color: rgb(175, 29,  
29) }
```

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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