

Converting Colors

YUV(72.4560, -11.0708,
97.8241)

Have a look what the booklet for
YUV(72.4560, -11.0708, 97.8241)
contains.

YUV(72.4560, -11.0708, 97.8241)	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(72.4560, -11.0708,
97.8241)**

Conversions

Conversions Part 1

Format	Color
Hex	B81432
RGB	184, 20, 50
RGB Percent	72%, 8%, 20%
CMY	0.2784, 0.9216, 0.8039
CMYK	0.00, 0.89, 0.73, 0.28
HSL	349°, 80%, 40%
HSV	349°, 89%, 72%
XYZ	20.5930, 10.9209, 4.0402
YIQ	72.4560, 88.1140, 44.0980

Conversions

Conversions Part 2

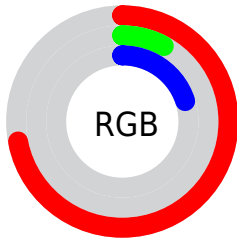
Format	Color
R_{YB}	184, 20, 50
Decimal	12063794
CIE _{Lab}	39.45, 61.31, 28.89
CIE _{LCh}	39, 67.776, 25.231
Yxy	10.9209, 0.5792, 0.3072
Android (android.graphics.Color)	4290253874 (0xFFB81432)
YUV	72.4560, -11.0708, 97.8241
Hunter-Lab	33.0469, 53.3997, 15.8842

Details

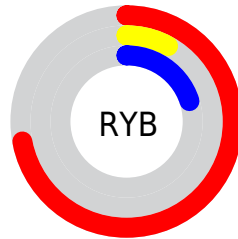
The YUV color **72.4560, -11.0708, 97.8241** is a dark color, and the websafe version is hex **CC0033**. A complement of this color would be **131.5440, 11.0708, -97.8241**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.4530, -19.9433, 96.9497**, and **37.4610, -15.5103, 75.0177** is the 20% darker color. If you saturate the color by 10%, you get **60.1800, -12.4137, 108.5901**, and if you desaturate by 10%, it is **84.7320, -9.7279, 87.0580**.

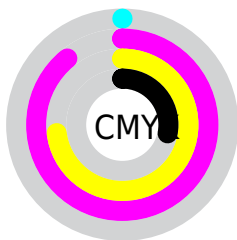
Distribution



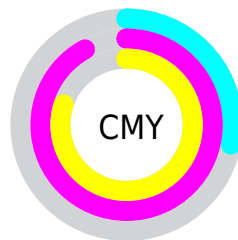
- Red (72%)
- Green (8%)
- Blue (20%)



- Red (72%)
- Yellow (8%)
- Blue (20%)



- Cyan (0%)
- Magenta (89%)
- Yellow (73%)
- Black (28%)





- Cyan (28%)
- Magenta (92%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the YUV color 72.4560, -11.0708, 97.8241 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 72.4560, -11.0708, 97.8241 by changing the saturation by 10% instead.


 72.4560, -11.0708,
97.8241


 72.4560, -11.0708,
97.8241


255.0000, 0.0000,
0.0000


 49.0530, -9.8861,
91.1615


 136.4530,
-19.9433, 96.9497


 37.4610, -15.5103,
75.0177


 158.1310,
-18.3056, 84.9541

 27.5080, -13.5614,
56.5595

 177.5310,
-15.0518, 67.9403

 19.4780, -8.1237,
39.0458

 197.5180,
-12.0874, 50.4117

 8.7850, -3.8380,
17.7286

 217.7330, -8.2494,
32.6832

 0.0000, 0.0000,
0.0000

 237.9480, -4.4114,

14.9546

■ 72.4560, -11.0708,
97.8241

■ 72.4560, -11.0708,
97.8241

■ 60.1800, -12.4137,
108.5901

■ 84.7320, -9.7279,
87.0580

■ 58.8920, -12.2718,
109.7197

■ 97.5950, -8.6743,
75.7772

■ 109.8710, -7.3314,
65.0111

■ 122.7340, -6.2779,
53.7303

■ 135.0100, -4.9349,
42.9642

■ 147.2860, -3.5920,
32.1982

■ 160.1490, -2.5385,
20.9173

■ 172.4250, -1.1955,
10.1513

■ 185.2880, -0.1420,
-1.1296

Harmonies

Analogous

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



66.5730, 18.4515, 102.1065



72.4560, -11.0708, 97.8241



84.5330, -41.6748, 67.0616

Triad

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



72.4560, -11.0708, 97.8241



68.0240, -23.6758, -59.6570



83.8310, 59.7363, -73.5198

Complementary

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



72.4560, -11.0708, 97.8241



131.5440, 11.0708, -97.8241

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.



87.3070, 47.6696, -76.5682



72.4560, -11.0708, 97.8241



76.8530, 2.5375, -67.4001

Square

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



72.4560, -11.0708, 97.8241



80.7930, -39.8309, -11.2195



83.9380, 27.1456, -73.6136



87.8910, 52.3117, -25.3374

Rectangle

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



72.4560, -11.0708, 97.8241



87.6240, -43.1986, 42.4258



83.9380, 27.1456, -73.6136



85.7230, 56.8316, -75.1791

Sweetspot

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



72.4560, -11.0708, 97.8241



195.8030, -4.3399, 38.7608



78.7620, 51.8823, 65.9837



93.5730, -2.2545, 23.1765



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



72.4560, -11.0708, 97.8241



76.7760, -16.1586, 143.1474



99.5600, -39.2231, 74.0539



85.8050, -0.8899, 5.4330



49.8360, -10.7651, 93.1058



8.9420, -1.9434, 16.7139

Inverse Universe

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



72.4560, -11.0708, 97.8241



76.7760, -16.1586, 143.1474



104.4400, 39.2231, -74.0539



85.8050, -0.8899, 5.4330



49.8360, -10.7651, 93.1058



8.9420, -1.9434, 16.7139

Previews

White Background



This preview shows how the YUV color 72.4560, -11.0708, 97.8241 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 72.4560, -11.0708, 97.8241 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 72.4560, -11.0708, 97.8241

Background



This preview shows how black text looks on a background with the YUV color 72.4560, -11.0708, 97.8241.



This preview shows how white text looks on a background with the YUV color 72.4560, -11.0708,

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

72.4560, -11.0708, 97.8241

Protanopia

93.6990, -10.2046, 6.4030

Deuteranopia

92.4870, -25.3831, 21.4979



Tritanopia

73.3020, -24.3059, 96.2051

Trichromacy



Original Color

72.4560, -11.0708, 97.8241

Protanomaly

85.9080, -10.3076, 39.5457

Deuteranomaly

85.3300, -20.3757, 48.8226

Tritanomaly

72.5670, -19.5065, 96.8497

Monochromacy



Original Color

72.4560, -11.0708, 97.8241

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

72.1940, -4.0396, 35.7869

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.4560, -11.0708, 97.8241 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(184, 20, 50)` looks like.

```
.text, #text, p{  
    color:rgb(184, 20, 50)  
}
```

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(184, 20, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 20, 50) }
```

Border

The CSS property to change the border of an element to YUV 72.4560, -11.0708, 97.8241 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(184, 20, 50) }
```


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

```
.border{ border-color:rgb(184, 20, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 20, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 20, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 20, 50);  
box-shadow:4px 4px 4px 4px rgb(184, 20,  
50) }
```

Background

The CSS property to change the background color of an element to YUV 72.4560, -11.0708, 97.8241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 20, 50) }
```

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

```
.background{ background-color: rgb(184, 20,  
50) }
```

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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