

Converting Colors

YUV(71.5620, -21.9691,
93.3461)

Have a look what the booklet for
YUV(71.5620, -21.9691, 93.3461)
contains.

YUV(71.5620, -21.9691, 93.3461)	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(71.5620, -21.9691,
93.3461)**

Conversions

Conversions Part 1

Format	Color
Hex	B21A1B
RGB	178, 26, 27
RGB Percent	70%, 10%, 11%
CMY	0.3020, 0.8980, 0.8941
CMYK	0.00, 0.85, 0.85, 0.30
HSL	360°, 75%, 40%
HSV	360°, 85%, 70%
XYZ	18.9273, 10.2829, 2.0241
YIQ	71.5620, 90.2710, 32.5350

Conversions

Conversions Part 2

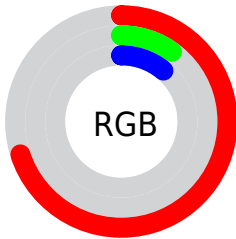
Format	Color
RYB	178, 26, 27
Decimal	11672091
CIELab	38.35, 57.73, 40.72
CIELCh	38, 70.647, 35.195
Yxy	10.2829, 0.6060, 0.3292
Android (android.graphics.Color)	4289862171 (0xFFB21A1B)
YUV	71.5620, -21.9691, 93.3461
Hunter-Lab	32.0670, 49.2413, 18.7044

Details

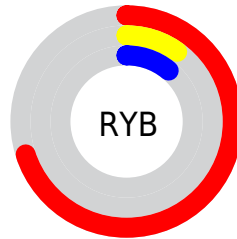
The YUV color **71.5620, -21.9691, 93.3461** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **132.4380, 21.9691, -93.3461**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.5100, -29.8314, 95.1457**, and **34.6840, -17.0992, 71.3141** is the 20% darker color. If you saturate the color by 10%, you get **58.9440, -24.6224, 104.4121**, and if you desaturate by 10%, it is **84.1800, -19.3157, 82.2801**.

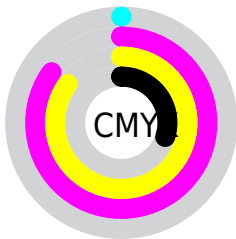
Distribution



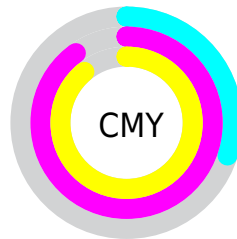
- Red (70%)
- Green (10%)
- Blue (11%)



- Red (70%)
- Yellow (10%)
- Blue (11%)



- Cyan (0%)
- Magenta (85%)
- Yellow (85%)
- Black (30%)





- Cyan (30%)
- Magenta (90%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the YUV color 71.5620, -21.9691, 93.3461 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 71.5620, -21.9691, 93.3461 by changing the saturation by 10% instead.


 71.5620, -21.9691,
93.3461

 71.5620, -21.9691,
93.3461


255.0000, 0.0000,
0.0000


 44.4090, -19.9216,
89.9723

 132.5100,
-29.8314, 95.1457


 34.6840, -17.0992,
71.3141


 155.9820,
-29.0781, 86.8388


 25.4150, -12.5296,
52.2560

 175.2680,
-26.2611, 69.9250

 17.5700, -7.6760,
35.4571

 194.6680,
-23.0073, 52.9112

 5.3820, -2.6533,
11.0660

 214.7690,
-19.6061, 35.2826

 0.0000, 0.0000,
0.0000

 234.8700,

-16.2049, 17.6540

■ 252.1500,
-10.9200, 2.4994

■ 71.5620, -21.9691,
93.3461

■ 71.5620, -21.9691,
93.3461

■ 58.9440, -24.6224,
104.4121

■ 84.1800, -19.3157,
82.2801

■ 53.3360, -25.8016,
109.3303

■ 96.6840, -17.0992,
71.3141

■ 108.7150,
-14.1565, 60.7629

■ 121.3330,
-11.5032, 49.6970

■ 133.8370, -9.2866,
38.7310

■ 146.4550, -6.6333,
27.6650

■ 159.0730, -3.9800,
16.5990

■ 170.9900, -1.4741,
6.1478

■ 183.6080, 1.1793,
-4.9182

Harmonies

Analogous

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



65.0760, 8.8365, 106.0503



71.5620, -21.9691, 93.3461



84.1680, -41.4948, 55.9807

Triad

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



71.5620, -21.9691, 93.3461



69.3750, -15.9609, -60.8419



79.2490, 62.4882, -69.5014

Complementary

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



71.5620, -21.9691, 93.3461



132.4380, 21.9691, -93.3461

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.



86.2130, 53.6320, -75.6088



71.5620, -21.9691, 93.3461



77.6170, 10.5418, -68.0701

Square

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



71.5620, -21.9691, 93.3461



71.8120, -35.4033, -31.4071



84.1150, 35.4393, -73.7689



90.5960, 46.5412, 5.6163

Rectangle

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



71.5620, -21.9691, 93.3461



85.4760, -42.1397, 29.4005



84.1150, 35.4393, -73.7689



82.7710, 60.7519, -72.5902

Sweetspot

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



71.5620, -21.9691, 93.3461



189.9400, -8.8444, 36.8866



87.8790, 44.4297, 76.4051



91.7640, -5.3067, 22.1320



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



71.5620, -21.9691, 93.3461



69.5960, -33.3248, 142.4283



114.2990, -43.5314, 55.8658



82.6910, -1.3267, 5.5330



45.8610, -22.1165, 93.9609



7.7740, -3.8326, 15.9842

Inverse Universe

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



71.5620, -21.9691, 93.3461



69.5960, -33.3248, 142.4283



89.7010, 43.5314, -55.8658



82.6910, -1.3267, 5.5330



45.8610, -22.1165, 93.9609



7.7740, -3.8326, 15.9842

Previews

White Background



This preview shows how the YUV color 71.5620, -21.9691, 93.3461 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 71.5620, -21.9691, 93.3461

Background



This preview shows how black text looks on a background with the YUV color 71.5620, -21.9691, 93.3461.



This preview shows how white text looks on a background with the YUV color 71.5620, -21.9691,

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

71.5620, -21.9691, 93.3461

Protanopia

89.4040, -22.8772, 11.0467

Deuteranopia

85.7530, -42.2762, 26.5266



Tritanopia

71.2200, -23.2795, 93.6461

Trichromacy



Original Color

71.5620, -21.9691, 93.3461

Protanomaly

83.0040, -22.6800, 41.2155

Deuteranomaly

80.8560, -34.9320, 50.9923

Tritanomaly

71.3340, -22.8427, 93.5461

Monochromacy



Original Color

71.5620, -21.9691, 93.3461

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

71.8580, -7.8180, 34.3275

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.5620, -21.9691, 93.3461 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(178, 26, 27)` looks like.

```
.text, #text, p{  
    color:rgb(178, 26, 27)  
}
```

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(178, 26, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 26, 27) }
```

Border

The CSS property to change the border of an element to YUV 71.5620, -21.9691, 93.3461 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(178, 26, 27) }
```


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

```
.border{ border-color:rgb(178, 26, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 26, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 26, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 26, 27);  
box-shadow:4px 4px 4px 4px rgb(178, 26,  
27) }
```

Background

The CSS property to change the background color of an element to YUV 71.5620, -21.9691, 93.3461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 26, 27) }
```

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

```
.background{ background-color: rgb(178, 26,  
27) }
```

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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