

Converting Colors

YUV(73.1990, -14.8881,
62.0925)

Have a look what the booklet for
YUV(73.1990, -14.8881, 62.0925)
contains.

YUV(73.1990, -14.8881, 62.0925)	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(73.1990, -14.8881,
62.0925)**

Conversions

Conversions Part 1

Format	Color
Hex	902B2B
RGB	144, 43, 43
RGB Percent	56%, 17%, 17%
CMY	0.4353, 0.8314, 0.8314
CMYK	0.00, 0.70, 0.70, 0.44
HSL	0°, 54%, 37%
HSV	0°, 70%, 56%
XYZ	12.8015, 7.8315, 3.1224
YIQ	73.1990, 60.1960, 21.4120

Conversions

Conversions Part 2

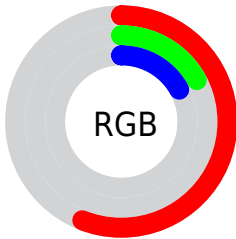
Format	Color
RYB	144, 43, 43
Decimal	9448235
CIELab	33.63, 42.38, 24.35
CIELCh	34, 48.876, 29.882
Yxy	7.8315, 0.5389, 0.3297
Android (android.graphics.Color)	4287638315 (0xFF902B2B)
YUV	73.1990, -14.8881, 62.0925
Hunter-Lab	27.9848, 32.6808, 12.9740

Details

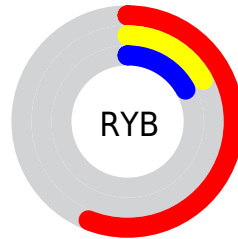
The YUV color **73.1990, -14.8881, 62.0925** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **113.8010, 14.8881, -62.0925**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.6080, -18.5407, 66.9958**, and **26.0130, -12.8244, 53.4856** is the 20% darker color. If you saturate the color by 10%, you get **63.3850, -16.9518, 70.6994**, and if you desaturate by 10%, it is **83.0130, -12.8244, 53.4856**.

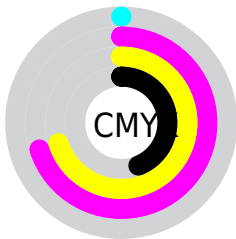
Distribution



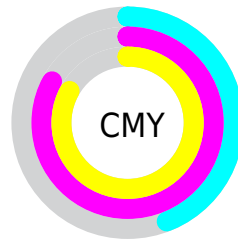
- Red (56%)
- Green (17%)
- Blue (17%)



- Red (56%)
- Yellow (17%)
- Blue (17%)



- Cyan (0%)
- Magenta (70%)
- Yellow (70%)
- Black (44%)



- Cyan (44%)
- Magenta (83%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.1990, -14.8881, 62.0925 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 73.1990, -14.8881, 62.0925 by changing the saturation by 10% instead.

■ 73.1990, -14.8881,
62.0925

■ 73.1990, -14.8881,
62.0925

255.0000, 0.0000,
0.0000

■ 44.5240, -11.1043,
61.8075

■ 126.6080,
-18.5407, 66.9958

■ 26.0130, -12.8244,
53.4856

■ 153.5760,
-20.0040, 69.6548

■ 17.6410, -8.6970,
36.2718

■ 178.9670,
-19.7037, 66.6809

■ 8.4860, -3.6906,
17.1138

■ 198.3670,
-16.4499, 49.6671

■ 0.0000, 0.0000,
0.0000

■ 217.8810,
-12.7593, 32.5534

■ 238.0960, -8.9213,

14.8248

254.3160, -2.6208,
0.5999

73.1990, -14.8881,
62.0925

73.1990, -14.8881,
62.0925

63.3850, -16.9518,
70.6994

83.0130, -12.8244,
53.4856

52.8700, -19.1629,
79.9210

93.5280, -10.6133,
44.2639

43.0560, -21.2266,
88.5279

103.3420, -8.5496,
35.6571

113.8570, -6.3385,
26.4354

123.6710, -4.2748,
17.8285

■ 133.4850, -2.2111,
9.2217

■ 144.0000, 0.0000,
0.0000

■ 153.8140, 2.0637,
-8.6069

■ 164.3290, 4.2748,
-17.8285

Harmonies

Analogous

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



73.1340, 3.8779, 63.0265



73.1990, -14.8881, 62.0925



74.6380, -34.3315, 45.0445

Triad

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



73.1990, -14.8881, 62.0925



59.3960, -11.0412, -52.0903



67.2060, 44.2684, -58.9397

Complementary

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



73.1990, -14.8881, 62.0925



113.8010, 14.8881, -62.0925

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.



71.2350, 36.8591, -62.4731



73.1990, -14.8881, 62.0925



65.2440, 6.2887, -57.2190

Square

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



73.1990, -14.8881, 62.0925



68.9980, -34.0160, -9.6452



69.6900, 23.3238, -61.1181



79.6860, 33.1858, -4.1096

Rectangle

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



73.1990, -14.8881, 62.0925



74.8440, -36.8981, 28.2008



69.6900, 23.3238, -61.1181



69.4400, 42.6741, -60.8989

Sweetspot

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



73.1990, -14.8881, 62.0925



158.6610, -5.7489, 23.9763



84.7130, 29.2285, 51.9947



77.8770, -3.3904, 14.1399



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



73.1990, -14.8881, 62.0925



76.6440, -22.9955, 95.9052



103.1360, -29.6470, 35.8377



66.0930, -1.0318, 4.3034



40.3650, -19.8999, 82.9949



2.3920, -1.1793, 4.9182

Inverse Universe

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



113.8010, 14.8881, -62.0925



139.3560, 22.9955, -95.9052



84.4510, 29.3577, -36.3525



68.9070, 1.0318, -4.3034



94.6350, 19.8999, -82.9949



5.6080, 1.1793, -4.9182

Previews

White Background



This preview shows how the YUV color 73.1990, -14.8881, 62.0925 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 73.1990, -14.8881, 62.0925

Background



This preview shows how black text looks on a background with the YUV color 73.1990, -14.8881, 62.0925.



This preview shows how white text looks on a background with the YUV color 73.1990, -14.8881,

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

73.1990, -14.8881, 62.0925

Protanopia

79.3570, -11.5150, 6.7029

Deuteranopia

78.4310, -20.4255, 18.0390



Tritanopia

73.4270, -14.0145, 61.8925

Trichromacy



Original Color

73.1990, -14.8881, 62.0925

Protanomaly

77.4350, -13.0325, 26.8055

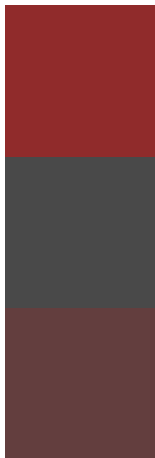
Deuteranomaly

76.3990, -18.4377, 33.8531

Tritanomaly

73.3130, -14.4513, 61.9925

Monochromacy



Original Color

73.1990, -14.8881, 62.0925

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

73.0630, -5.4541, 22.7467

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.1990, -14.8881, 62.0925 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(144, 43, 43)` looks like.

```
.text, #text, p{  
    color:rgb(144, 43, 43)  
}
```

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(144, 43, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 43, 43) }
```

Border

The CSS property to change the border of an element to YUV 73.1990, -14.8881, 62.0925 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(144, 43, 43) }
```


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

```
.border{ border-color:rgb(144, 43, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 43, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 43, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 43, 43);  
box-shadow:4px 4px 4px 4px rgb(144, 43,  
43) }
```

Background

The CSS property to change the background color of an element to YUV 73.1990, -14.8881, 62.0925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 43, 43) }
```

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

```
.background{ background-color: rgb(144, 43,  
43) }
```

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