

Converting Colors

YUV(66.0370, -15.7942,
72.7586)

Have a look what the booklet for
YUV(66.0370, -15.7942, 72.7586)
contains.

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Color

**YUV(66.0370, -15.7942,
72.7586)**

Conversions

Conversions Part 1

Format	Color
Hex	951E22
RGB	149, 30, 34
RGB Percent	58%, 12%, 13%
CMY	0.4157, 0.8824, 0.8667
CMYK	0.00, 0.80, 0.77, 0.42
HSL	358°, 66%, 35%
HSV	358°, 80%, 58%
XYZ	13.1474, 7.4336, 2.2553
YIQ	66.0370, 69.6400, 26.4720

Conversions

Conversions Part 2

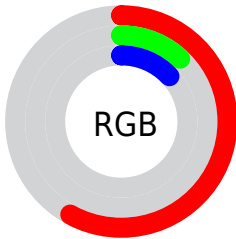
Format	Color
R_{YB}	149, 30, 34
Decimal	9772578
CIE _{Lab}	32.77, 48.35, 29.17
CIE _{LCh}	33, 56.468, 31.100
Yxy	7.4336, 0.5757, 0.3255
Android (android.graphics.Color)	4287962658 (0xFF951E22)
YUV	66.0370, -15.7942, 72.7586
Hunter-Lab	27.2646, 38.3624, 14.1809

Details

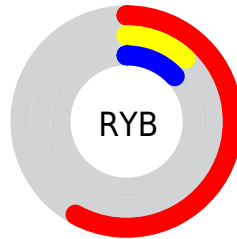
The YUV color **66.0370, -15.7942, 72.7586** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **112.9630, 15.7942, -72.7586**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.2780, -21.3361, 76.9322**, and **26.9100, -13.2666, 55.3299** is the 20% darker color. If you saturate the color by 10%, you get **55.6360, -17.5685, 81.8802**, and if you desaturate by 10%, it is **76.4380, -14.0199, 63.6369**.

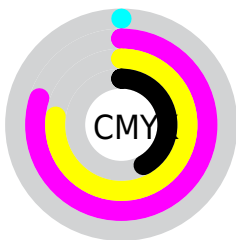
Distribution



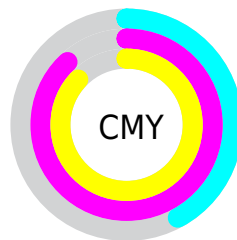
- Red (58%)
- Green (12%)
- Blue (13%)



- Red (58%)
- Yellow (12%)
- Blue (13%)



- Cyan (0%)
- Magenta (80%)
- Yellow (77%)
- Black (42%)



- Cyan (42%)
- Magenta (88%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.0370, -15.7942, 72.7586 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 66.0370, -15.7942, 72.7586 by changing the saturation by 10% instead.

66.0370, -15.7942,
72.7586

66.0370, -15.7942,
72.7586

255.0000, 0.0000,
0.0000

37.0630, -11.8631,
71.8587

122.2780,
-21.3361, 76.9322

26.9100, -13.2666,
55.3299

149.8330,
-23.0887, 79.0765

18.6520, -8.7024,
38.0162

173.0170,
-22.1934, 71.8991

9.3830, -4.1328,
18.9581

191.8300,
-18.6502, 55.4001

0.0000, 0.0000,
0.0000

211.9310,
-15.2490, 37.7715

231.5590,

-11.1216, 20.5578

■ 252.3610, -7.5730,
2.3144

■ 66.0370, -15.7942,
72.7586

■ 66.0370, -15.7942,
72.7586

■ 55.6360, -17.5685,
81.8802

■ 76.4380, -14.0199,
63.6369

■ 45.1210, -19.7797,
91.1019

■ 86.9530, -11.8088,
54.4152

■ 97.3540, -10.0345,
45.2935

■ 107.8690, -7.8234,
36.0719

■ 118.2700, -6.0491,
26.9502

■ 128.0840, -3.9854,
18.3433

■ 138.5990, -1.7743,
9.1217

■ 149.0000, 0.0000,
0.0000

■ 159.5150, 2.2111,
-9.2217

Harmonies

Analogous

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



60.0960, 8.3337, 80.5998



66.0370, -15.7942, 72.7586



71.4320, -35.2160, 48.7331

Triad

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



66.0370, -15.7942, 72.7586



58.0110, -13.8094, -50.8756



67.7590, 48.9258, -59.4246

Complementary

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



66.0370, -15.7942, 72.7586



112.9630, 15.7942, -72.7586

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.



71.6740, 41.0797, -62.8581



66.0370, -15.7942, 72.7586



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.



66.0370, -15.7942, 72.7586



65.4210, -32.2526, -15.2782



70.2600, 25.5078, -61.6180



76.9510, 37.9852, -3.4650

Rectangle

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



66.0370, -15.7942, 72.7586



72.7840, -35.8825, 29.1304



70.2600, 25.5078, -61.6180



69.9930, 47.3315, -61.3839

Sweetspot

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



66.0370, -15.7942, 72.7586



161.2810, -6.0545, 28.6946



77.3530, 35.3220, 57.5724



77.4860, -3.6906, 17.1138



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



66.0370, -15.7942, 72.7586



64.2980, -24.7969, 113.7487



97.2790, -33.1685, 45.3593



69.0930, -1.0318, 4.3034



41.8320, -18.1582, 84.3393



2.9900, -1.4741, 6.1478

Inverse Universe

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



66.0370, -15.7942, 72.7586



64.2980, -24.7969, 113.7487



81.7210, 33.1685, -45.3593



69.0930, -1.0318, 4.3034



41.8320, -18.1582, 84.3393



2.9900, -1.4741, 6.1478

Previews

White Background



This preview shows how the YUV color 66.0370, -15.7942, 72.7586 looks on a white background.

Color Contrast Check

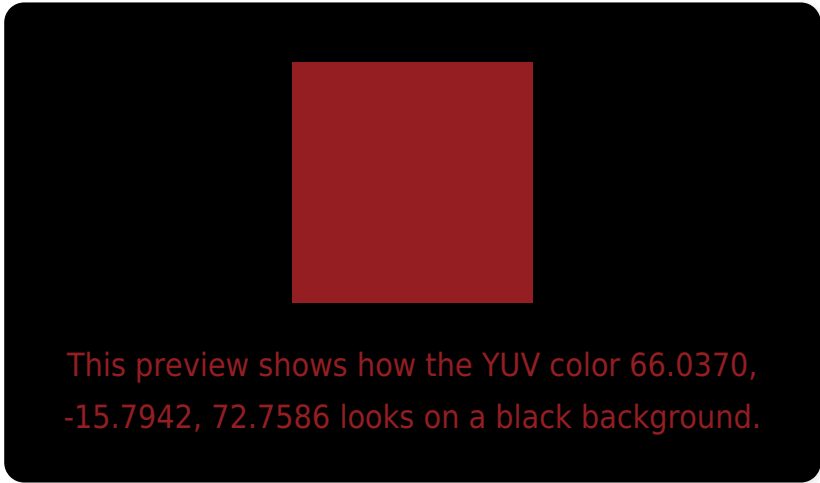
Large Text (above 18pt) WCAG AA ✓ Pass

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 66.0370, -15.7942, 72.7586

Background



This preview shows how black text looks on a background with the YUV color 66.0370, -15.7942, 72.7586.

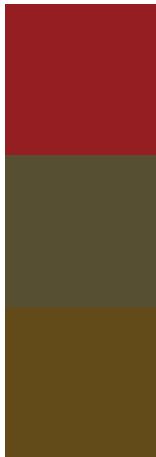


This preview shows how white text looks on a background with the YUV color 66.0370, -15.7942,

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

66.0370, -15.7942, 72.7586

Protanopia

77.6730, -14.1358, 7.3028

Deuteranopia

76.4760, -25.3777, 19.7535



Tritanopia

66.2820, -17.3940, 72.5437

Trichromacy



Original Color

66.0370, -15.7942, 72.7586

Protanomaly

73.4140, -14.5011, 31.2089

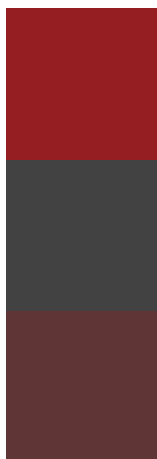
Deuteranomaly

72.8080, -22.0903, 38.7564

Tritanomaly

66.3960, -16.9572, 72.4437

Monochromacy



Original Color

66.0370, -15.7942, 72.7586

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

65.9710, -5.9017, 26.3354

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.0370, -15.7942, 72.7586 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(149, 30, 34)` looks like.

```
.text, #text, p{  
    color:rgb(149, 30, 34)  
}
```

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(149, 30, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 30, 34) }
```

Border

The CSS property to change the border of an element to YUV 66.0370, -15.7942, 72.7586 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(149, 30, 34) }
```


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

```
.border{ border-color:rgb(149, 30, 34) }
```

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

Here you see how a box with a 4 pixel rgb(149, 30, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 30, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 30, 34);  
box-shadow:4px 4px 4px 4px rgb(149, 30,  
34) }
```

Background

The CSS property to change the background color of an element to YUV 66.0370, -15.7942, 72.7586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 30, 34) }
```

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

```
.background{ background-color: rgb(149, 30,  
34) }
```

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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