

Converting Colors

YUV(72.4220, -33.2390,
68.0359)

Have a look what the booklet for
YUV(72.4220, -33.2390, 68.0359)
contains.

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Color

**YUV(72.4220, -33.2390,
68.0359)**

Conversions

Conversions Part 1

Format	Color
Hex	962E05
RGB	150, 46, 5
RGB Percent	59%, 18%, 2%
CMY	0.4118, 0.8196, 0.9804
CMYK	0.00, 0.69, 0.97, 0.41
HSL	17°, 94%, 30%
HSV	17°, 97%, 59%
XYZ	13.5821, 8.4490, 1.0585
YIQ	72.4220, 75.1450, 9.2970

Conversions

Conversions Part 2

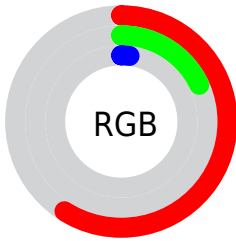
Format	Color
R_{YB}	150, 62, 5
Decimal	9842181
CIE _{Lab}	34.90, 42.00, 45.07
CIE _{LCh}	35, 61.612, 47.020
Yxy	8.4490, 0.5882, 0.3659
Android (android.graphics.Color)	4288032261 (0xFF962E05)
YUV	72.4220, -33.2390, 68.0359
Hunter-Lab	29.0671, 32.5394, 18.1878

Details

The YUV color **72.4220, -33.2390, 68.0359** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **82.5780, 33.2390, -68.0359**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.7710, -35.8761, 73.8688**, and **27.2090, -13.4140, 55.9447** is the 20% darker color. If you saturate the color by 10%, you get **69.5040, -34.2655, 70.5950**, and if you desaturate by 10%, it is **80.5890, -29.8704, 60.8734**.

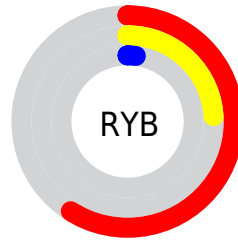
Distribution



Red (59%)

Green (18%)

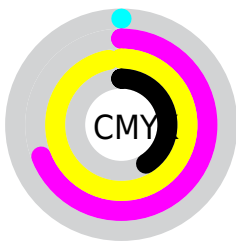
Blue (2%)



Red (59%)

Yellow (24%)

Blue (2%)

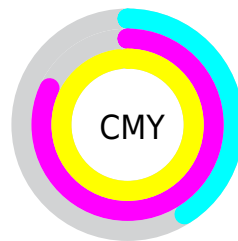


Cyan (0%)

Magenta (69%)

Yellow (97%)

Black (41%)



Cyan (41%)


Magenta (82%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the YUV color 72.4220, -33.2390, 68.0359 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 72.4220, -33.2390, 68.0359 by changing the saturation by 10% instead.


 72.4220, -33.2390,
68.0359

 72.4220, -33.2390,
68.0359


 253.1760, -6.9888,
1.5996

 45.8590, -22.6085,
65.0217


 126.7710,
-35.8761, 73.8688


 27.2090, -13.4140,
55.9447

 154.0380,
-37.4867, 77.1427


 18.5380, -9.1392,
38.1162

 176.6240,
-36.2966, 68.7358

 10.2800, -4.5750,
20.8024

 195.4370,
-32.7534, 52.2368


 0.0000, 0.0000,
0.0000


 215.5380,
-29.3522, 34.6082


 235.0520,


-25.6616, 17.4944


 249.9840,
-19.2191, 4.3990


 72.4220, -33.2390,
68.0359


 72.4220, -33.2390,
68.0359


 69.5040, -34.2655,
70.5950

 80.5890, -29.8704,
60.8734

 88.7560, -26.5017,
53.7110

 96.3360, -22.8436,
47.0633

 104.5030,
-19.4750, 39.9009

 112.6700,
-16.1063, 32.7384

■ 120.8370,
-12.7376, 25.5760

■ 128.4170, -9.0796,
18.9283

■ 136.5840, -5.7109,
11.7658

■ 144.7510, -2.3422,
4.6034

Harmonies

Analogous

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



58.7680, -0.8716, 93.1655



72.4220, -33.2390, 68.0359



77.5460, -38.2302, 35.4782

Triad

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



72.4220, -33.2390, 68.0359



65.8990, -3.8942, -57.7934



66.5510, 54.4514, -58.3652

Complementary

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



72.4220, -33.2390, 68.0359



82.5780, 33.2390, -68.0359

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.



75.5840, 50.9841, -66.2872



72.4220, -33.2390, 68.0359



73.0010, 18.2405, -64.0219

Square

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



72.4220, -33.2390, 68.0359



56.9390, -28.0709, -49.9355



76.8430, 38.0384, -67.3913



82.6070, 33.2247, 30.1627

Rectangle

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



72.4220, -33.2390, 68.0359



76.5170, -37.7229, 12.7016



76.8430, 38.0384, -67.3913



70.5290, 54.4622, -61.8539

Sweetspot

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



72.4220, -33.2390, 68.0359



163.5490, -12.5957, 26.7055



60.4390, 24.9266, 78.5450



79.0360, -7.9057, 15.7544



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.



72.4220, -33.2390, 68.0359



90.2910, -44.5135, 90.9528



113.5120, -53.4964, 32.0000



70.2670, -1.6106, 3.2738



64.1550, -31.6284, 64.7621



4.7510, -2.3422, 4.6034

Inverse Universe

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



82.5780, 33.2390, -68.0359



103.7090, 44.5135, -90.9528



41.4880, 53.4964, -32.0000



70.7330, 1.6106, -3.2738



73.8450, 31.6284, -64.7621



5.2490, 2.3422, -4.6034

Previews

White Background



This preview shows how the YUV color 72.4220, -33.2390, 68.0359 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



This preview shows how the YUV color 72.4220, -33.2390, 68.0359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

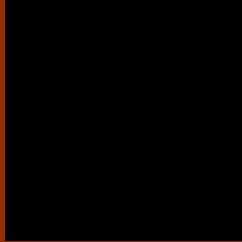
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 72.4220, -33.2390, 68.0359

Background



This preview shows how black text looks on a background with the YUV color 72.4220, -33.2390, 68.0359.



This preview shows how white text looks on a background with the YUV color 72.4220, -33.2390,

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

72.4220, -33.2390, 68.0359

Protanopia

79.3520, -30.7395, 12.8463

Deuteranopia

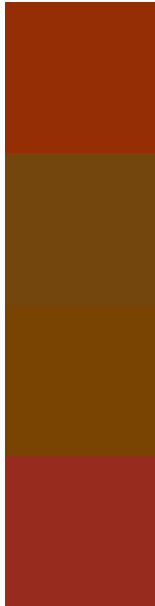
77.7680, -38.3396, 23.8825



Tritanopia

75.5200, -15.0464, 66.1960

Trichromacy



Original Color

72.4220, -33.2390, 68.0359

Protanomaly

76.6580, -31.3834, 32.7489

Deuteranomaly

75.7360, -36.3518, 39.6965

Tritanomaly

74.3970, -21.8877, 67.1808

Monochromacy



Original Color

72.4220, -33.2390, 68.0359

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

72.3530, -12.0060, 24.2464

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.4220, -33.2390, 68.0359 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(150, 46, 5)` looks like.

```
.text, #text, p{  
    color:rgb(150, 46, 5)  
}
```

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(150, 46, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 46, 5) }
```

Border

The CSS property to change the border of an element to YUV 72.4220, -33.2390, 68.0359 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(150, 46, 5) }
```


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

```
.border{ border-color:rgb(150, 46, 5) }
```

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

Here you see how a box with a 4 pixel rgb(150, 46, 5) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 46, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 46, 5);  
box-shadow:4px 4px 4px 4px rgb(150, 46, 5)  
}
```

Background

The CSS property to change the background color of an element to YUV 72.4220, -33.2390, 68.0359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 46, 5) }
```

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

```
.background{ background-color: rgb(150, 46,  
5) }
```

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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