

Converting Colors

YUV(90.7090, -28.4505,
72.1692)

Have a look what the booklet for
YUV(90.7090, -28.4505, 72.1692)
contains.

YUV(90.7090, -28.4505, 72.1692)	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(90.7090, -28.4505,
72.1692)**

Conversions

Conversions Part 1

Format	Color
Hex	AD3C21
RGB	173, 60, 33
RGB Percent	68%, 24%, 13%
CMY	0.3216, 0.7647, 0.8706
CMYK	0.00, 0.65, 0.81, 0.32
HSL	12°, 68%, 40%
HSV	12°, 81%, 68%
XYZ	19.1240, 12.2258, 2.7907
YIQ	90.7090, 76.0150, 15.5590

Conversions

Conversions Part 2

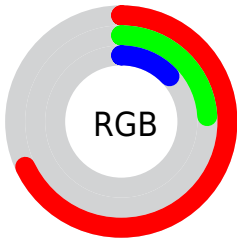
Format	Color
RYB	173, 66, 33
Decimal	11353121
CIELab	41.57, 44.83, 40.30
CIELCh	42, 60.278, 41.951
Yxy	12.2258, 0.5602, 0.3581
Android (android.graphics.Color)	4289543201 (0xFFAD3C21)
YUV	90.7090, -28.4505, 72.1692
Hunter-Lab	34.9654, 36.4394, 19.7436

Details

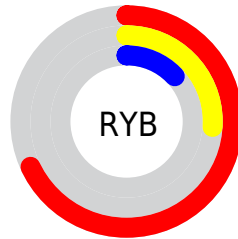
The YUV color **90.7090, -28.4505, 72.1692** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **115.2910, 28.4505, -72.1692**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.7160, -32.3980, 78.3021**, and **33.7870, -16.6570, 69.4698** is the 20% darker color. If you saturate the color by 10%, you get **80.5530, -31.8246, 81.0760**, and if you desaturate by 10%, it is **100.8650, -25.0764, 63.2624**.

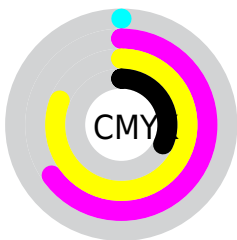
Distribution



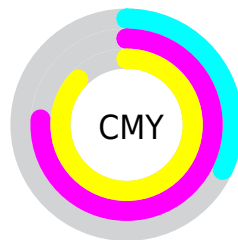
- Red (68%)
- Green (24%)
- Blue (13%)



- Red (68%)
- Yellow (26%)
- Blue (13%)



- Cyan (0%)
- Magenta (65%)
- Yellow (81%)
- Black (32%)





- Cyan (32%)
- Magenta (76%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the YUV color 90.7090, -28.4505, 72.1692 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 90.7090, -28.4505, 72.1692 by changing the saturation by 10% instead.


 90.7090, -28.4505,
72.1692

 90.7090, -28.4505,
72.1692


255.0000, 0.0000,
0.0000

 63.2680, -26.2611,
69.9250


 145.7160,
-32.3980, 78.3021

 33.7870, -16.6570,
69.4698


 169.6940,
-32.3871, 74.8134

 24.8170, -12.2348,
51.0265

 189.0940,
-29.1333, 57.7996

 17.1570, -7.9654,
34.9423

 208.4940,
-25.8795, 40.7858

 5.6810, -2.8007,
11.6808

 228.0080,
-22.1889, 23.6720

 0.0000, 0.0000,
0.0000

 248.8100,

-18.6403, 5.4286

253.2900, -6.5520,
1.4997

90.7090, -28.4505,
72.1692

90.7090, -28.4505,
72.1692

80.5530, -31.8246,
81.0760

100.8650,
-25.0764, 63.2624

71.0980, -35.0513,
89.3681

111.1350,
-21.2656, 54.2556

121.2910,
-17.8915, 45.3488

131.4470,
-14.5174, 36.4420

141.7170,
-10.7065, 27.4352

■ 151.8730, -7.3324,
18.5284

■ 162.0290, -3.9583,
9.6216

■ 172.1850, -0.5842,
0.7148

■ 182.4550, 3.2267,
-8.2920

Harmonies

Analogous

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



86.5560, -2.7391, 85.4584



90.7090, -28.4505, 72.1692



92.6520, -45.6774, 44.1552

Triad

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



90.7090, -28.4505, 72.1692



76.6760, -5.7563, -67.2449



79.8700, 57.2521, -70.0460

Complementary

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



90.7090, -28.4505, 72.1692



115.2910, 28.4505, -72.1692

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.



87.7460, 51.8902, -76.9532



90.7090, -28.4505, 72.1692



83.7780, 16.3784, -73.4733

Square

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



90.7090, -28.4505, 72.1692



79.3880, -35.6873, -33.6663



87.9620, 37.4867, -77.1427



100.2360, 35.8727, 20.8410

Rectangle

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



90.7090, -28.4505, 72.1692



91.6230, -45.1701, 21.3786



87.9620, 37.4867, -77.1427



83.0330, 56.6787, -72.8199

Sweetspot

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



90.7090, -28.4505, 72.1692



192.7170, -10.7065, 27.4352



87.8560, 29.1580, 74.6713



93.0900, -6.4534, 16.5841



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



90.7090, -28.4505, 72.1692



96.5370, -44.1417, 111.7851



131.2120, -48.4185, 36.6481



81.8650, -1.9054, 4.5034



61.8730, -30.5034, 77.2874



9.2250, -4.5479, 12.0807

Inverse Universe

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



115.2910, 28.4505, -72.1692



134.4630, 44.1417, -111.7851



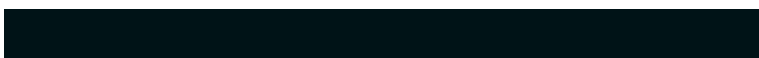
74.7880, 48.4185, -36.6481



83.1350, 1.9054, -4.5034



88.1270, 30.5034, -77.2874



13.7750, 4.5479, -12.0807

Previews

White Background



This preview shows how the YUV color 90.7090, -28.4505, 72.1692 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 90.7090, -28.4505, 72.1692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

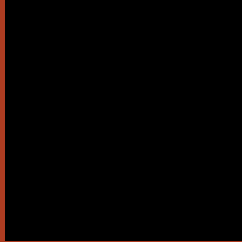
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.7090, -28.4505, 72.1692

Background



This preview shows how black text looks on a background with the YUV color 90.7090, -28.4505, 72.1692.



This preview shows how white text looks on a background with the YUV color 90.7090, -28.4505,

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

90.7090, -28.4505, 72.1692

Protanopia

96.0190, -25.6454, 12.2613

Deuteranopia

95.0610, -36.0191, 26.2565



Tritanopia

92.3250, -15.9362, 71.6290

Trichromacy



Original Color

90.7090, -28.4505, 72.1692

Protanomaly

94.2220, -26.7314, 34.0083

Deuteranomaly

93.5560, -33.3051, 42.4854

Tritanomaly

91.7720, -20.5936, 72.1140

Monochromacy



Original Color

90.7090, -28.4505, 72.1692

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

91.1190, -10.4117, 26.2056

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.7090, -28.4505, 72.1692 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(173, 60, 33)` looks like.

```
.text, #text, p{  
    color:rgb(173, 60, 33)  
}
```

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(173, 60, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 60, 33) }
```

Border

The CSS property to change the border of an element to YUV 90.7090, -28.4505, 72.1692 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(173, 60, 33) }
```


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

```
.border{ border-color:rgb(173, 60, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 60, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 60, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 60, 33);  
box-shadow:4px 4px 4px 4px rgb(173, 60,  
33) }
```

Background

The CSS property to change the background color of an element to YUV 90.7090, -28.4505, 72.1692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 60, 33) }
```

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

```
.background{ background-color: rgb(173, 60,  
33) }
```

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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