

Converting Colors

YUV(91.2150, -29.1930,
76.9874)

Have a look what the booklet for
YUV(91.2150, -29.1930, 76.9874)
contains.

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Color

**YUV(91.2150, -29.1930,
76.9874)**

Conversions

Conversions Part 1

Format	Color
Hex	B33A20
RGB	179, 58, 32
RGB Percent	70%, 23%, 13%
CMY	0.2980, 0.7725, 0.8745
CMYK	0.00, 0.68, 0.82, 0.30
HSL	11°, 70%, 41%
HSV	11°, 82%, 70%
XYZ	20.3642, 12.7141, 2.7473
YIQ	91.2150, 80.4620, 17.5660

Conversions

Conversions Part 2

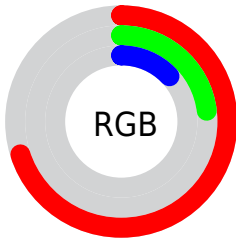
Format	Color
R_{YB}	179, 64, 32
Decimal	11745824
CIE _{Lab}	42.33, 47.77, 41.91
CIE _{LCh}	42, 63.547, 41.260
Yxy	12.7141, 0.5684, 0.3549
Android (android.graphics.Color)	4289935904 (0xFFB33A20)
YUV	91.2150, -29.1930, 76.9874
Hunter-Lab	35.6568, 39.5446, 20.3917

Details

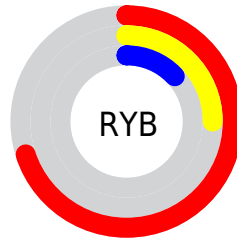
The YUV color **91.2150, -29.1930, 76.9874** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **119.7850, 29.1930, -76.9874**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.2220, -33.1404, 83.1203**, and **35.2820, -17.3940, 72.5437** is the 20% darker color. If you saturate the color by 10%, you get **80.3580, -32.7145, 86.5090**, and if you desaturate by 10%, it is **102.0720, -25.6715, 67.4659**.

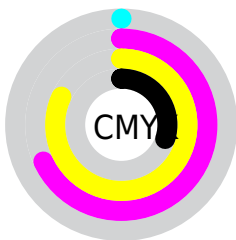
Distribution



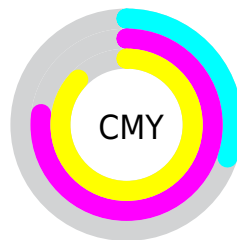
- Red (70%)
- Green (23%)
- Blue (13%)



- Red (70%)
- Yellow (25%)
- Blue (13%)



- Cyan (0%)
- Magenta (68%)
- Yellow (82%)
- Black (30%)





- Cyan (30%)
- Magenta (77%)
- Yellow (87%)
- Black (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 91.2150, -29.1930, 76.9874 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 91.2150, -29.1930, 76.9874 by changing the saturation by 10% instead.


 91.2150, -29.1930,
76.9874

 91.2150, -29.1930,
76.9874


255.0000, 0.0000,
0.0000


 62.3010, -26.2774,
75.1580


 146.2220,
-33.1404, 83.1203


 35.2820, -17.3940,
72.5437


 168.9930,
-32.5345, 75.4281


 26.3120, -12.9718,
54.1004

 188.3930,
-29.2807, 58.4143

 18.3530, -8.5550,
37.4014

 207.7930,
-26.0269, 41.4005

 8.4860, -3.6906,
17.1138

 227.8940,
-22.6257, 23.7720

 0.0000, 0.0000,
0.0000

 248.1090,

-18.7877, 6.0434

253.1760, -6.9888,
1.5996

91.2150, -29.1930,
76.9874

91.2150, -29.1930,
76.9874

80.3580, -32.7145,
86.5090

102.0720,
-25.6715, 67.4659

72.3050, -35.6464,
93.5715

112.3420,
-21.8606, 58.4591

123.1990,
-18.3391, 48.9375

134.0560,
-14.8176, 39.4159

144.9130,
-11.2961, 29.8943

■ 155.0690, -7.9220,
20.9875

■ 165.9260, -4.4005,
11.4659

■ 176.7830, -0.8790,
1.9443

■ 187.6400, 2.6425,
-7.5773

Harmonies

Analogous

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



85.9420, -1.4504, 92.1359



91.2150, -29.1930, 76.9874



94.1470, -46.4145, 47.2291

Triad

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



91.2150, -29.1930, 76.9874



78.3230, -7.0612, -68.6893



81.9560, 60.1677, -71.8754

Complementary

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



91.2150, -29.1930, 76.9874



119.7850, 29.1930, -76.9874

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.



90.3050, 54.0796, -79.1975



91.2150, -29.1930, 76.9874



85.7670, 16.3839, -75.2177

Square

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



91.2150, -29.1930, 76.9874



79.4650, -39.1762, -34.6108



90.1790, 38.3658, -79.0870



101.9200, 38.4934, 20.2412

Rectangle

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



91.2150, -29.1930, 76.9874



93.9930, -46.3385, 22.8081



90.1790, 38.3658, -79.0870



85.7060, 59.3049, -75.1642

Sweetspot

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



91.2150, -29.1930, 76.9874



197.2120, -11.4435, 30.5091



89.8610, 31.6205, 78.1749



95.9870, -6.8956, 18.4284



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.



91.2150, -29.1930, 76.9874



94.8370, -45.7686, 120.2920



133.4790, -50.0291, 39.9219



83.8650, -1.9054, 4.5034



61.5960, -30.3668, 80.1613



10.7090, -5.2795, 13.4102

Inverse Universe

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



119.7850, 29.1930, -76.9874



139.1630, 45.7686, -120.2920



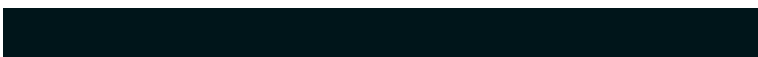
77.5210, 50.0291, -39.9219



85.7220, 1.6161, -5.0182



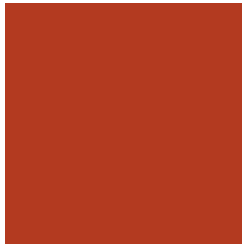
91.4040, 30.3668, -80.1613



15.2910, 5.2795, -13.4102

Previews

White Background



This preview shows how the YUV color 91.2150, -29.1930, 76.9874 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 91.2150, -29.1930, 76.9874 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 91.2150, -29.1930, 76.9874

Background



This preview shows how black text looks on a background with the YUV color 91.2150, -29.1930, 76.9874.



This preview shows how white text looks on a background with the YUV color 91.2150, -29.1930,

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

91.2150, -29.1930, 76.9874

Protanopia

97.6770, -26.9558, 12.5613

Deuteranopia

96.4910, -38.2031, 26.7564



Tritanopia

92.7170, -17.1155, 76.5472

Trichromacy



Original Color

91.2150, -29.1930, 76.9874

Protanomaly

95.0050, -27.6105, 35.9526

Deuteranomaly

94.5240, -34.7683, 45.1445

Tritanomaly

92.2780, -21.3361, 76.9322

Monochromacy



Original Color

91.2150, -29.1930, 76.9874

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

91.1300, -10.4171, 27.9500

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.2150, -29.1930, 76.9874 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(179, 58, 32)` looks like.

```
.text, #text, p{  
    color:rgb(179, 58, 32)  
}
```

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(179, 58, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 58, 32) }
```

Border

The CSS property to change the border of an element to YUV 91.2150, -29.1930, 76.9874 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(179, 58, 32) }
```


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

```
.border{ border-color:rgb(179, 58, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 58, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 58, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 58, 32);  
box-shadow:4px 4px 4px 4px rgb(179, 58,  
32) }
```

Background

The CSS property to change the background color of an element to YUV 91.2150, -29.1930, 76.9874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 58, 32) }
```

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

```
.background{ background-color: rgb(179, 58,  
32) }
```

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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