

Converting Colors

YUV(92.6720, -28.9253,
84.4797)

Have a look what the booklet for
YUV(92.6720, -28.9253, 84.4797)
contains.

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Color

**YUV(92.6720, -28.9253,
84.4797)**

Conversions

Conversions Part 1

Format	Color
Hex	BD3722
RGB	189, 55, 34
RGB Percent	74%, 22%, 13%
CMY	0.2588, 0.7843, 0.8667
CMYK	0.00, 0.71, 0.82, 0.26
HSL	8°, 70%, 44%
HSV	8°, 82%, 74%
XYZ	22.6412, 13.6667, 2.9580
YIQ	92.6720, 86.6050, 21.8770

Conversions

Conversions Part 2

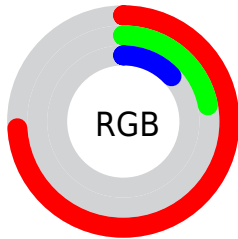
Format	Color
R_{YB}	189, 58, 34
Decimal	12400418
CIE Lab	43.75, 52.40, 42.90
CIE LCh	44, 67.720, 39.304
Yxy	13.6667, 0.5766, 0.3481
Android (android.graphics.Color)	4290590498 (0xFFBD3722)
YUV	92.6720, -28.9253, 84.4797
Hunter-Lab	36.9685, 44.6267, 21.1339

Details

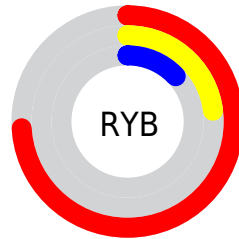
The YUV color **92.6720, -28.9253, 84.4797** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **130.3280, 28.9253, -84.4797**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.1520, -33.5989, 90.1977**, and **38.2720, -18.8681, 78.6915** is the 20% darker color. If you saturate the color by 10%, you get **81.1140, -32.5942, 94.6160**, and if you desaturate by 10%, it is **104.2300, -25.2564, 74.3433**.

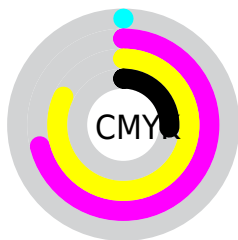
Distribution



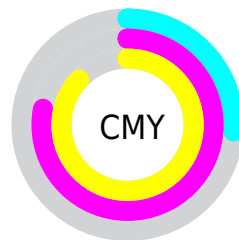
- Red (74%)
- Green (22%)
- Blue (13%)



- Red (74%)
- Yellow (23%)
- Blue (13%)



- Cyan (0%)
- Magenta (71%)
- Yellow (82%)
- Black (26%)





- Cyan (26%)
- Magenta (78%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the YUV color 92.6720, -28.9253, 84.4797 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 92.6720, -28.9253, 84.4797 by changing the saturation by 10% instead.


 92.6720, -28.9253,
84.4797


 92.6720, -28.9253,
84.4797


255.0000, 0.0000,
0.0000

 61.9970, -25.1415,
84.1946


 149.1520,
-33.5989, 90.1977

 38.2720, -18.8681,
78.6915


 169.3350,
-31.2242, 75.1282


 29.0030, -14.2985,
59.6334


 188.0340,
-28.1178, 58.7292

 20.4460, -9.5869,
41.7049

 208.0210,
-25.1534, 41.2006

 11.7750, -5.3121,
23.8763

 228.2360,
-21.3153, 23.4720

 0.0000, 0.0000,
0.0000

 248.3370,

-17.9141, 5.8435

253.4040, -6.1152,
1.3997

92.6720, -28.9253,
84.4797

92.6720, -28.9253,
84.4797

81.1140, -32.5942,
94.6160

104.2300,
-25.2564, 74.3433

71.7730, -35.3841,
102.8081

116.3750,
-21.8769, 63.6921

127.9330,
-18.2080, 53.5558

139.4910,
-14.5391, 43.4194

151.6360,
-11.1595, 32.7682

■ 163.0800, -7.9274,
22.7318

■ 174.6380, -4.2585,
12.5955

■ 186.7830, -0.8790,
1.9443

■ 198.3410, 2.7899,
-8.1921

Harmonies

Analogous

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



84.0340, 2.4482, 101.7022



92.6720, -28.9253, 84.4797



97.4250, -48.0305, 52.2473

Triad

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



92.6720, -28.9253, 84.4797



80.3290, -9.5292, -70.4485



86.2590, 63.9623, -75.6491

Complementary

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



92.6720, -28.9253, 84.4797



130.3280, 28.9253, -84.4797

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.



94.2660, 56.5639, -82.6713



92.6720, -28.9253, 84.4797



88.2290, 15.6631, -77.3768

Square

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



92.6720, -28.9253, 84.4797



83.0090, -40.9234, -34.2109



93.7980, 39.5396, -82.2608



105.5220, 42.1407, 17.0822

Rectangle

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



92.6720, -28.9253, 84.4797



97.2600, -47.9492, 26.0820



93.7980, 39.5396, -82.2608



89.8950, 62.6628, -78.8379

Sweetspot

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



92.6720, -28.9253, 84.4797



206.9350, -11.3070, 33.3830



95.6210, 35.6828, 81.8934



99.6990, -6.7536, 19.5580



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



92.6720, -28.9253, 84.4797



95.5440, -44.6382, 131.0729



137.8710, -51.2084, 44.8401



88.2780, -1.6161, 5.0182



59.5690, -29.3675, 86.3240



11.6170, -5.7272, 16.9989

Inverse Universe

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



130.3280, 28.9253, -84.4797



153.8690, 44.9276, -130.5581



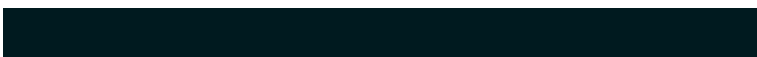
85.1290, 51.2084, -44.8401



90.7220, 1.6161, -5.0182



98.4310, 29.3675, -86.3240



18.7960, 6.0166, -16.4841

Previews

White Background



This preview shows how the YUV color 92.6720, -28.9253, 84.4797 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 92.6720, -28.9253, 84.4797 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 92.6720, -28.9253, 84.4797

Background



This preview shows how black text looks on a background with the YUV color 92.6720, -28.9253, 84.4797.



This preview shows how white text looks on a background with the YUV color 92.6720, -28.9253,

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

92.6720, -28.9253, 84.4797

Protanopia

101.0900, -26.6664, 13.0761

Deuteranopia

99.5620, -39.2241, 27.5711



Tritanopia

94.1910, -19.3212, 84.0245

Trichromacy



Original Color

92.6720, -28.9253, 84.4797

Protanomaly

98.0270, -27.6213, 39.4413

Deuteranomaly

97.0190, -35.5054, 48.2183

Tritanomaly

93.8660, -23.1049, 84.3095

Monochromacy



Original Color

92.6720, -28.9253, 84.4797

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

92.8530, -10.2805, 30.8239

CSS Examples

Text

The CSS property to change the color of the text to YUV 92.6720, -28.9253, 84.4797 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(189, 55, 34)` looks like.

```
.text, #text, p{  
    color:rgb(189, 55, 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(189, 55, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 55, 34) }
```

Border

The CSS property to change the border of an element to YUV 92.6720, -28.9253, 84.4797 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(189, 55, 34) }
```


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

```
.border{ border-color:rgb(189, 55, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 55, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 55, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 55, 34);  
box-shadow:4px 4px 4px 4px rgb(189, 55,  
34) }
```

Background

The CSS property to change the background color of an element to YUV 92.6720, -28.9253, 84.4797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 55, 34) }
```

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

```
.background{ background-color: rgb(189, 55,  
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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