

Converting Colors

YUV(112.7910, -32.9280,
61.5733)

Have a look what the booklet for
YUV(112.7910, -32.9280, 61.5733)
contains.

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Color

**YUV(112.7910, -32.9280,
61.5733)**

Conversions

Conversions Part 1

Format	Color
Hex	B75A2E
RGB	183, 90, 46
RGB Percent	72%, 35%, 18%
CMY	0.2824, 0.6471, 0.8196
CMYK	0.00, 0.51, 0.75, 0.28
HSL	19°, 60%, 45%
HSV	19°, 75%, 72%
XYZ	23.6777, 17.5769, 4.7295
YIQ	112.7910, 69.5520, 6.0320

Conversions

Conversions Part 2

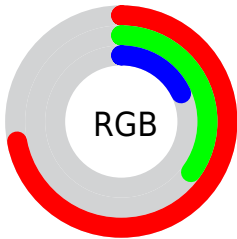
Format	Color
RYB	183, 111, 46
Decimal	12016174
CIELab	48.98, 34.53, 41.73
CIELCh	49, 54.161, 50.394
Yxy	17.5769, 0.5149, 0.3822
Android (android.graphics.Color)	4290206254 (0xFFB75A2E)
YUV	112.7910, -32.9280, 61.5733
Hunter-Lab	41.9248, 27.4426, 22.6589

Details

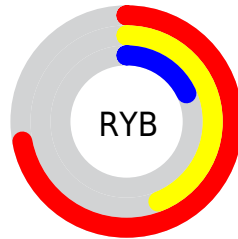
The YUV color **112.7910, -32.9280, 61.5733** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **116.2090, 32.9280, -61.5733**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.0260, -36.0018, 67.5062**, and **61.1430, -30.1435, 55.1256** is the 20% darker color. If you saturate the color by 10%, you get **103.6950, -37.3176, 69.5505**, and if you desaturate by 10%, it is **121.8870, -28.5383, 53.5961**.

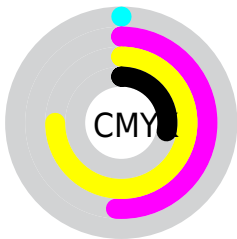
Distribution



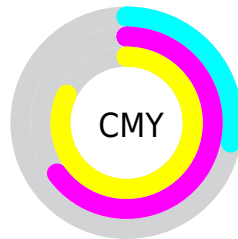
- Red (72%)
- Green (35%)
- Blue (18%)



- Red (72%)
- Yellow (44%)
- Blue (18%)



- Cyan (0%)
- Magenta (51%)
- Yellow (75%)
- Black (28%)



- Cyan (28%)
- Magenta (65%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.7910, -32.9280, 61.5733 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 112.7910, -32.9280, 61.5733 by changing the saturation by 10% instead.

■ 112.7910,
-32.9280, 61.5733

■ 112.7910,
-32.9280, 61.5733

■ 255.0000, 0.0000,
0.0000

■ 86.4100, -31.7541,
58.3994

■ 167.0260,
-36.0018, 67.5062

■ 61.1430, -30.1435,
55.1256

■ 189.1280,
-34.0801, 57.7697

■ 36.6230, -18.0551,
51.1966

■ 207.9410,
-30.5369, 41.2707

■ 20.0330, -9.8763,
41.1901

■ 228.0420,
-27.1357, 23.6422

■ 12.9710, -5.9017,
26.3354

■ 248.1430,
-23.7345, 6.0136

■ 0.0000, 0.0000,
0.0000

■ 252.0360,

-11.3567, 2.5994

■ 112.7910,
-32.9280, 61.5733

■ 112.7910,
-32.9280, 61.5733

■ 103.6950,
-37.3176, 69.5505

■ 121.8870,
-28.5383, 53.5961

■ 93.8980, -41.8547,
78.1425

■ 131.6840,
-24.0012, 45.0041

■ 89.3500, -44.0495,
82.1311

■ 140.7800,
-19.6115, 37.0269

■ 150.4630,
-15.5113, 28.5349

■ 159.6730,
-10.6848, 20.4578

■ 169.3560, -6.5845,
11.9658

■ 178.4520, -2.1948,
3.9886

■ 187.5480, 2.1948,
-3.9886

■ 197.3450, 6.7319,
-12.5806

Harmonies

Analogous

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



111.9710, -12.3107, 75.4474



112.7910, -32.9280, 61.5733



110.3860, -48.9973, 35.6185

Triad

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



112.7910, -32.9280, 61.5733



91.8190, 4.0332, -80.5253



113.7250, 44.0126, -23.4378

Complementary

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



112.7910, -32.9280, 61.5733



116.2090, 32.9280, -61.5733

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.



97.5600, 53.9539, -85.5601



112.7910, -32.9280, 61.5733



97.7640, 24.2733, -85.7390

Square

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



112.7910, -32.9280, 61.5733



98.5900, -21.9829, -42.6134



100.4490, 42.1766, -88.0938



119.7230, 27.2516, 32.6919

Rectangle

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



112.7910, -32.9280, 61.5733



107.6130, -50.0952, 14.3714



100.4490, 42.1766, -88.0938



104.2480, 50.6567, -54.5915

Sweetspot

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



112.7910, -32.9280, 61.5733



210.5270, -12.5848, 23.2168



97.6790, 20.8643, 74.8265



104.1390, -7.4635, 13.9101



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



112.7910, -32.9280, 61.5733



127.6030, -51.0763, 95.9412



152.7070, -52.6066, 26.5670



87.4520, -2.1948, 3.9886



75.9940, -37.4650, 70.1653



13.6550, -6.7319, 12.5806

Inverse Universe

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



116.2090, 32.9280, -61.5733



133.3970, 51.0763, -95.9412



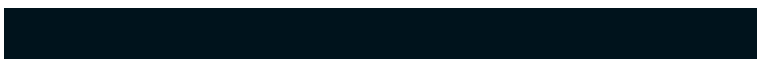
76.2930, 52.6066, -26.5670



87.5480, 2.1948, -3.9886



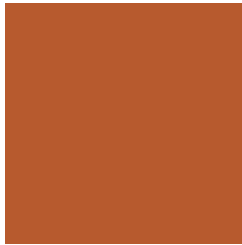
80.0060, 37.4650, -70.1653



14.3450, 6.7319, -12.5806

Previews

White Background



This preview shows how the YUV color 112.7910, -32.9280, 61.5733 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 112.7910, -32.9280, 61.5733 looks on a black 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

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

YUV 112.7910, -32.9280, 61.5733

Background



This preview shows how black text looks on a background with the YUV color 112.7910, -32.9280, 61.5733.



This preview shows how white text looks on a background with the YUV color 112.7910, -32.9280,

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

112.7910, -32.9280, 61.5733

Protanopia

113.7050, -29.4346, 14.2907

Deuteranopia

113.3710, -36.1719, 28.6156



Tritanopia

115.5840, -12.1199, 60.8778

Trichromacy



Original Color

112.7910, -32.9280, 61.5733

Protanomaly

113.1740, -30.6518, 31.4194

Deuteranomaly

112.7900, -34.8995, 40.5262

Tritanomaly

114.6350, -19.5401, 60.8331

Monochromacy



Original Color

112.7910, -32.9280, 61.5733

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.0430, -11.8532, 21.8873

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.7910, -32.9280, 61.5733 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(183, 90, 46)` looks like.

```
.text, #text, p{  
    color:rgb(183, 90, 46)  
}
```

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(183, 90, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 90, 46) }
```

Border

The CSS property to change the border of an element to YUV 112.7910, -32.9280, 61.5733 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(183, 90, 46) }
```


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

```
.border{ border-color:rgb(183, 90, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 90, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 90, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 90, 46);  
box-shadow:4px 4px 4px 4px rgb(183, 90,  
46) }
```

Background

The CSS property to change the background color of an element to YUV 112.7910, -32.9280, 61.5733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 90, 46) }
```

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

```
.background{ background-color: rgb(183, 90,  
46) }
```

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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