

Converting Colors

YUV(110.1780, -33.1188,
76.1429)

Have a look what the booklet for
YUV(110.1780, -33.1188, 76.1429)
contains.

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Color

**YUV(110.1780, -33.1188,
76.1429)**

Conversions

Conversions Part 1

Format	Color
Hex	C54F2B
RGB	197, 79, 43
RGB Percent	77%, 31%, 17%
CMY	0.2275, 0.6902, 0.8314
CMYK	0.00, 0.60, 0.78, 0.23
HSL	14°, 64%, 47%
HSV	14°, 78%, 77%
XYZ	26.2580, 17.6367, 4.3058
YIQ	110.1780, 81.8840, 13.8200

Conversions

Conversions Part 2

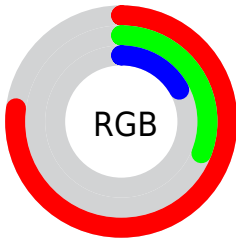
Format	Color
R_{YB}	197, 90, 43
Decimal	12930859
CIE _{Lab}	49.05, 45.25, 44.02
CIE _{LCh}	49, 63.127, 44.213
Yxy	17.6367, 0.5448, 0.3659
Android (android.graphics.Color)	4291120939 (0xFFC54F2B)
YUV	110.1780, -33.1188, 76.1429
Hunter-Lab	41.9961, 38.1138, 23.3184

Details

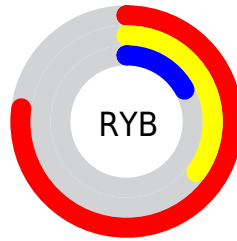
The YUV color **110.1780, -33.1188, 76.1429** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **129.8220, 33.1188, -76.1429**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.1030, -36.0398, 79.7167**, and **54.7520, -26.9927, 71.2545** is the 20% darker color. If you saturate the color by 10%, you get **99.0930, -37.5138, 85.8644**, and if you desaturate by 10%, it is **121.2630, -28.7237, 66.4213**.

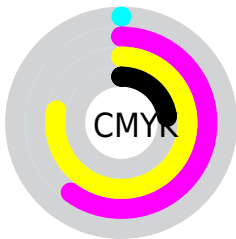
Distribution



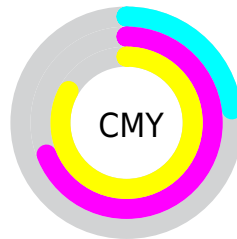
- Red (77%)
- Green (31%)
- Blue (17%)



- Red (77%)
- Yellow (35%)
- Blue (17%)



- Cyan (0%)
- Magenta (60%)
- Yellow (78%)
- Black (23%)



- Cyan (23%)
- Magenta (69%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 110.1780, -33.1188, 76.1429 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 110.1780, -33.1188, 76.1429 by changing the saturation by 10% instead.

110.1780,
-33.1188, 76.1429

110.1780,
-33.1188, 76.1429

255.0000, 0.0000,
0.0000

82.9110, -31.5081,
72.8691

164.1030,
-36.0398, 79.7167

54.7520, -26.9927,
71.2545

182.8020,
-32.9334, 63.3176

31.6940, -15.6251,
65.1664

202.2020,
-29.6796, 46.3038

22.7240, -11.2029,
46.7231

222.3030,
-26.2784, 28.6753

15.4770, -6.6442,
31.1537

242.5180,
-22.4404, 10.9467

0.0000, 0.0000,
0.0000

251.5800,

-13.1039, 2.9993

254.8860, -0.4368,
0.1000

■ 110.1780,
-33.1188, 76.1429

■ 110.1780,
-33.1188, 76.1429

■ 99.0930, -37.5138,
85.8644

■ 121.2630,
-28.7237, 66.4213

■ 88.1220, -41.4721,
95.4860

■ 132.2340,
-24.7654, 56.7998

■ 85.9050, -42.3512,
97.4303

■ 143.3190,
-20.3703, 47.0782

■ 154.4040,
-15.9752, 37.3567

■ 165.4890,
-11.5801, 27.6351

■ 177.0470, -7.9112,
17.4988

■ 188.1320, -3.5161,
7.7772

■ 199.2170, 0.8790,
-1.9443

■ 210.1880, 4.8373,
-11.5659

Harmonies

Analogous

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



107.8510, -6.8285, 90.4617



110.1780, -33.1188, 76.1429



110.0840, -54.2714, 47.2843

Triad

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



110.1780, -33.1188, 76.1429



91.2830, -3.0975, -80.0552



101.3810, 58.9722, -61.7241

Complementary

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



110.1780, -33.1188, 76.1429



129.8220, 33.1188, -76.1429

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.



101.9770, 58.1853, -89.4338



110.1780, -33.1188, 76.1429



98.8410, 20.7844, -86.6836

Square

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



110.1780, -33.1188, 76.1429



97.0390, -33.0502, -39.4992



103.2530, 42.7663, -90.5529



119.7960, 36.5826, 26.4889

Rectangle

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



110.1780, -33.1188, 76.1429



108.7450, -53.6113, 22.1486



103.2530, 42.7663, -90.5529



96.5630, 62.8264, -84.6858

Sweetspot

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



110.1780, -33.1188, 76.1429



221.8590, -12.7485, 29.0647



102.4980, 28.8415, 82.8783



107.4600, -7.6218, 18.0136



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



110.1780, -33.1188, 76.1429



119.6320, -51.5836, 118.7177



155.3770, -55.4019, 36.5034



93.8650, -1.9054, 4.5034



71.0430, -35.0242, 80.6463



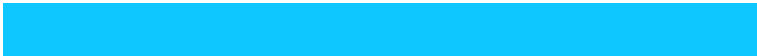
15.4600, -7.6218, 18.0136

Inverse Universe

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



129.8220, 33.1188, -76.1429



150.3680, 51.5836, -118.7177



84.6230, 55.4019, -36.5034



95.1350, 1.9054, -4.5034



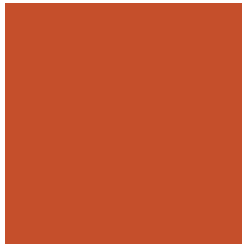
91.9570, 35.0242, -80.6463



19.9530, 7.9112, -17.4988

Previews

White Background



This preview shows how the YUV color 110.1780, -33.1188, 76.1429 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 110.1780, -33.1188, 76.1429 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 110.1780, -33.1188, 76.1429

Background



This preview shows how black text looks on a background with the YUV color 110.1780, -33.1188, 76.1429.



This preview shows how white text looks on a background with the YUV color 110.1780, -33.1188,

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

110.1780, -33.1188, 76.1429

Protanopia

113.7050, -29.4346, 14.2907

Deuteranopia

112.9860, -38.9401, 29.8303



Tritanopia

112.2330, -16.3839, 75.2177

Trichromacy



Original Color

110.1780, -33.1188, 76.1429

Protanomaly

112.2070, -30.6681, 36.6525

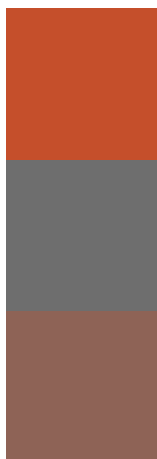
Deuteranomaly

111.6660, -36.8103, 46.7739

Tritanomaly

111.3380, -22.3516, 76.0026

Monochromacy



Original Color

110.1780, -33.1188, 76.1429

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

110.3750, -12.0169, 27.7351

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.1780, -33.1188, 76.1429 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(197, 79, 43)` looks like.

```
.text, #text, p{  
    color:rgb(197, 79, 43)  
}
```

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(197, 79, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 79, 43) }
```

Border

The CSS property to change the border of an element to YUV 110.1780, -33.1188, 76.1429 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(197, 79, 43) }
```


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

```
.border{ border-color:rgb(197, 79, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 79, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 79, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 79, 43);  
box-shadow:4px 4px 4px 4px rgb(197, 79,  
43) }
```

Background

The CSS property to change the background color of an element to YUV 110.1780, -33.1188, 76.1429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 79, 43) }
```

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

```
.background{ background-color: rgb(197, 79,  
43) }
```

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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