

Converting Colors

YUV(76.3170, -17.4113,
31.2940)

Have a look what the booklet for
YUV(76.3170, -17.4113, 31.2940)
contains.

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Color

**YUV(76.3170, -17.4113,
31.2940)**

Conversions

Conversions Part 1

Format	Color
Hex	704129
RGB	112, 65, 41
RGB Percent	44%, 25%, 16%
CMY	0.5608, 0.7451, 0.8392
CMYK	0.00, 0.42, 0.63, 0.56
HSL	20°, 46%, 30%
HSV	20°, 63%, 44%
XYZ	8.9726, 7.3854, 3.0504
YIQ	76.3170, 35.7160, 2.5000

Conversions

Conversions Part 2

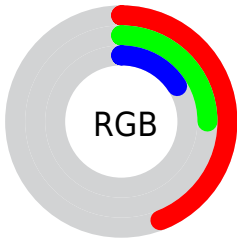
Format	Color
R_{YB}	112, 77, 41
Decimal	7356713
CIE _{Lab}	32.67, 17.89, 23.17
CIE _{LCh}	33, 29.269, 52.331
Yxy	7.3854, 0.4623, 0.3805
Android (android.graphics.Color)	4285546793 (0xFF704129)
YUV	76.3170, -17.4113, 31.2940
Hunter-Lab	27.1762, 11.3763, 12.3682

Details

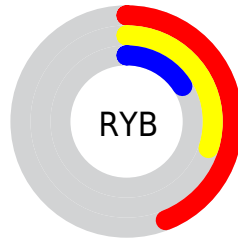
The YUV color **76.3170, -17.4113, 31.2940** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **76.6830, 17.4113, -31.2940**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.1820, -19.3167, 35.7974**, and **30.5660, -15.0690, 26.6906** is the 20% darker color. If you saturate the color by 10%, you get **70.9540, -20.1903, 35.9973**, and if you desaturate by 10%, it is **81.6800, -14.6322, 26.5906**.

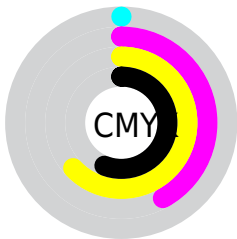
Distribution



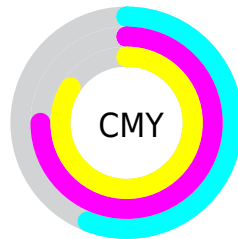
- Red (44%)
- Green (25%)
- Blue (16%)



- Red (44%)
- Yellow (30%)
- Blue (16%)



- Cyan (0%)
- Magenta (42%)
- Yellow (63%)
- Black (56%)



- Cyan (56%)
- Magenta (75%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.3170, -17.4113, 31.2940 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 76.3170, -17.4113, 31.2940 by changing the saturation by 10% instead.

■ 76.3170, -17.4113,
31.2940

■ 76.3170, -17.4113,
31.2940

255.0000, 0.0000,
0.0000

■ 52.6480, -16.0955,
29.2497

■ 126.1820,
-19.3167, 35.7974

■ 30.5660, -15.0690,
26.6906

■ 152.5520,
-20.4851, 37.2269

■ 11.0630, -5.4541,
22.7467

■ 179.4490,
-20.9274, 39.0712

■ 0.0000, 0.0000,
0.0000

■ 207.5200,
-21.9484, 39.8860

■ 227.6320,
-18.5526, 24.0017

■ 247.2600,

-14.4252, 6.7880

254.0880, -3.4944,
0.7998

76.3170, -17.4113,
31.2940

76.3170, -17.4113,
31.2940

70.9540, -20.1903,
35.9973

81.6800, -14.6322,
26.5906

65.0040, -22.6800,
41.2155

87.6300, -12.1426,
21.3725

59.5270, -25.8958,
46.0188

93.1070, -8.9268,
16.5692

55.7940, -27.5064,
49.2927

99.0570, -6.4371,
11.3510

104.4200, -3.6581,
6.6477

■ 109.7830, -0.8790,
1.9443

■ 115.7330, 1.6106,
-3.2738

■ 121.2100, 4.8265,
-8.0772

■ 127.1600, 7.3161,
-13.2953

Harmonies

Analogous

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



76.8800, -7.8288, 37.8162



76.3170, -17.4113, 31.2940



75.2630, -22.3147, 17.3093

Triad

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



76.3170, -17.4113, 31.2940



59.6360, 5.1095, -52.3008



77.1620, 21.1191, -7.1581

Complementary

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



76.3170, -17.4113, 31.2940



76.6830, 17.4113, -31.2940

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.



65.0430, 28.0798, -46.5187



76.3170, -17.4113, 31.2940



62.3720, 15.5926, -54.7002

Square

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



76.3170, -17.4113, 31.2940



69.7080, -10.7020, -20.7919



63.3640, 24.4705, -55.5702



79.4380, 12.6021, 18.0329

Rectangle

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



76.3170, -17.4113, 31.2940



74.0120, -21.6979, 6.1285



63.3640, 24.4705, -55.5702



74.9650, 23.1883, -17.5093

Sweetspot

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



76.3170, -17.4113, 31.2940



131.3560, -6.5845, 11.9658



67.5870, 10.0636, 38.9502



65.6050, -4.2423, 7.3624



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



76.3170, -17.4113, 31.2940



89.6090, -26.9222, 48.5779



96.8620, -27.5400, 13.2760



52.9680, -1.4632, 2.6591



59.9470, -29.5539, 52.6665



123.1610, -60.7184, 108.6068

Inverse Universe

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



76.6830, 17.4113, -31.2940



90.3910, 26.9222, -48.5779



56.1380, 27.5400, -13.2760



53.0320, 1.4632, -2.6591



60.0530, 29.5539, -52.6665



124.4260, 60.4290, -109.1216

Previews

White Background



This preview shows how the YUV color 76.3170, -17.4113, 31.2940 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 ✓ Pass

Black Background



This preview shows how the YUV color 76.3170, -17.4113, 31.2940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 76.3170, -17.4113, 31.2940

Background



This preview shows how black text looks on a background with the YUV color 76.3170, -17.4113, 31.2940.



This preview shows how white text looks on a background with the YUV color 76.3170, -17.4113,

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

76.3170, -17.4113, 31.2940

Protanopia

75.7440, -15.1568, 8.1175

Deuteranopia

76.2890, -18.3835, 16.4095



Tritanopia

78.0040, -5.9180, 31.5685

Trichromacy



Original Color

76.3170, -17.4113, 31.2940

Protanomaly

76.2720, -15.9101, 16.4245

Deuteranomaly

76.4360, -17.9629, 21.5426

Tritanomaly

77.2660, -9.9911, 31.3387

Monochromacy



Original Color

76.3170, -17.4113, 31.2940

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

76.0570, -6.4371, 11.3510

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.3170, -17.4113, 31.2940 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(112, 65, 41)` looks like.

```
.text, #text, p{  
    color:rgb(112, 65, 41)  
}
```

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(112, 65, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 65, 41) }
```

Border

The CSS property to change the border of an element to YUV 76.3170, -17.4113, 31.2940 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(112, 65, 41) }
```


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

```
.border{ border-color:rgb(112, 65, 41) }
```

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

Here you see how a box with a 4 pixel rgb(112, 65, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 65, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 65, 41);  
box-shadow:4px 4px 4px 4px rgb(112, 65,  
41) }
```

Background

The CSS property to change the background color of an element to YUV 76.3170, -17.4113, 31.2940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 65, 41) }
```

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

```
.background{ background-color: rgb(112, 65,  
41) }
```

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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