

Converting Colors

YUV(80.2110, -26.7260,
32.2640)

Have a look what the booklet for
YUV(80.2110, -26.7260, 32.2640)
contains.

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Color

**YUV(80.2110, -26.7260,
32.2640)**

Conversions

Conversions Part 1

Format	Color
Hex	75481A
RGB	117, 72, 26
RGB Percent	46%, 28%, 10%
CMY	0.5412, 0.7176, 0.8980
CMYK	0.00, 0.38, 0.78, 0.54
HSL	30°, 64%, 28%
HSV	30°, 78%, 46%
XYZ	9.8399, 8.4912, 2.0976
YIQ	80.2110, 41.5860, -4.7660

Conversions

Conversions Part 2

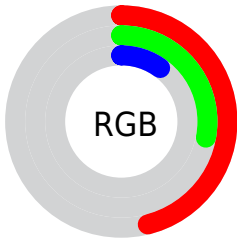
Format	Color
RYB	115, 117, 26
Decimal	7686170
CIELab	34.99, 15.01, 34.29
CIElCh	35, 37.433, 66.359
Yxy	8.4912, 0.4817, 0.4156
Android (android.graphics.Color)	4285876250 (0xFF75481A)
YUV	80.2110, -26.7260, 32.2640
Hunter-Lab	29.1397, 9.2817, 16.1298

Details

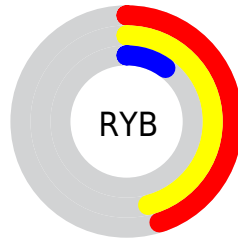
The YUV color **80.2110, -26.7260, 32.2640** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **62.7890, 26.7260, -32.2640**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.9620, -29.0683, 36.8673**, and **35.5720, -17.5370, 24.9314** is the 20% darker color. If you saturate the color by 10%, you get **75.3210, -30.2313, 36.5525**, and if you desaturate by 10%, it is **85.1010, -23.2208, 27.9754**.

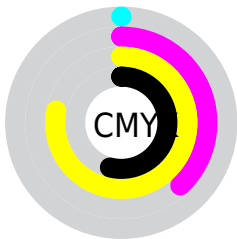
Distribution



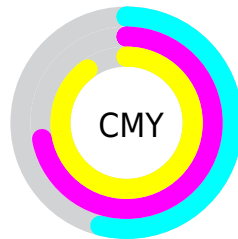
- Red (46%)
- Green (28%)
- Blue (10%)



- Red (45%)
- Yellow (46%)
- Blue (10%)



- Cyan (0%)
- Magenta (38%)
- Yellow (78%)
- Black (54%)



- Cyan (54%)
- Magenta (72%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.2110, -26.7260, 32.2640 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 80.2110, -26.7260, 32.2640 by changing the saturation by 10% instead.

■ 80.2110, -26.7260,
32.2640

■ 80.2110, -26.7260,
32.2640

255.0000, 0.0000,
0.0000

■ 55.9010, -26.5732,
29.9048

■ 130.9620,
-29.0683, 36.8673

■ 35.5720, -17.5370,
24.9314

■ 156.8590,
-29.5105, 38.7117

■ 15.1830, -7.4852,
20.8875

■ 184.5280,
-30.8263, 40.7559

■ 0.0000, 0.0000,
0.0000

■ 210.5170,
-30.8209, 39.0116

■ 230.6180,
-27.4197, 21.3830

■ 249.0720,

-22.7135, 5.1989

252.2640,
-10.4832, 2.3995

80.2110, -26.7260,
32.2640

80.2110, -26.7260,
32.2640

75.3210, -30.2313,
36.5525

85.1010, -23.2208,
27.9754

70.5450, -33.2997,
40.7410

89.8770, -20.1524,
23.7869

69.6160, -34.3207,
41.5558

94.1800, -16.3577,
20.0131

99.0700, -12.8525,
15.7246

103.9600, -9.3473,
11.4361

■ 108.7360, -6.2788,
7.2475

■ 113.6260, -2.7736,
2.9590

■ 117.9290, 1.0210,
-0.8147

■ 122.7050, 4.0894,
-5.0033

Harmonies

Analogous

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



80.4590, -16.0023, 46.0785



80.2110, -26.7260, 32.2640



78.1670, -30.1553, 12.1315

Triad

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



80.2110, -26.7260, 32.2640



66.9710, 10.3673, -58.7336



84.7060, 22.8229, 6.3968

Complementary

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



80.2110, -26.7260, 32.2640



62.7890, 26.7260, -32.2640

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.



74.4660, 33.2943, -38.9967



80.2110, -26.7260, 32.2640



69.6900, 23.3238, -61.1181

Square

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



80.2110, -26.7260, 32.2640



62.5620, -2.7421, -53.9899



69.6220, 33.2174, -61.0585



84.1950, 11.2429, 34.0320

Rectangle

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



80.2110, -26.7260, 32.2640



75.9200, -25.5966, -3.4378



69.6220, 33.2174, -61.0585



83.1390, 26.0605, -5.3839

Sweetspot

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



80.2110, -26.7260, 32.2640



139.0310, -10.3683, 12.2508



58.4530, 6.6787, 51.3457



68.0350, -6.4263, 7.8623



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



80.2110, -26.7260, 32.2640



95.7220, -41.7679, 50.2328



106.6260, -39.7486, 9.0980



56.5550, -1.7526, 2.1443



72.8720, -35.9259, 43.0853



148.7120, -73.3150, 88.8296

Inverse Universe

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



62.7890, 26.7260, -32.2640



68.2780, 41.7679, -50.2328



36.3740, 39.7486, -9.0980



55.4450, 1.7526, -2.1443



49.7150, 35.6365, -43.6001



101.2880, 73.3150, -88.8296

Previews

White Background



This preview shows how the YUV color 80.2110, -26.7260, 32.2640 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 80.2110, -26.7260, 32.2640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

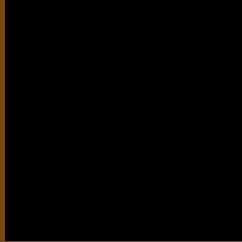
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.2110, -26.7260, 32.2640

Background



This preview shows how black text looks on a background with the YUV color 80.2110, -26.7260, 32.2640.



This preview shows how white text looks on a background with the YUV color 80.2110, -26.7260,

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

80.2110, -26.7260, 32.2640

Protanopia

79.8340, -25.0612, 11.5466

Deuteranopia

80.2050, -27.7091, 20.8682



Tritanopia

83.4170, -5.6286, 32.0833

Trichromacy



Original Color

80.2110, -26.7260, 32.2640

Protanomaly

80.0630, -25.6671, 19.2387

Deuteranomaly

80.0530, -27.1411, 25.3865

Tritanomaly

82.3540, -13.4855, 32.1385

Monochromacy



Original Color

80.2110, -26.7260, 32.2640

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

79.8460, -9.7841, 11.5361

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.2110, -26.7260, 32.2640 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(117, 72, 26)` looks like.

```
.text, #text, p{  
    color:rgb(117, 72, 26)  
}
```

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(117, 72, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 72, 26) }
```

Border

The CSS property to change the border of an element to YUV 80.2110, -26.7260, 32.2640 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(117, 72, 26) }
```


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

```
.border{ border-color:rgb(117, 72, 26) }
```

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

Here you see how a box with a 4 pixel rgb(117, 72, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 72, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 72, 26);  
box-shadow:4px 4px 4px 4px rgb(117, 72,  
26) }
```

Background

The CSS property to change the background color of an element to YUV 80.2110, -26.7260, 32.2640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 72, 26) }
```

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

```
.background{ background-color: rgb(117, 72,  
26) }
```

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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