

Converting Colors

YUV(80.7990, -28.9879,
-35.7807)

Have a look what the booklet for
YUV(80.7990, -28.9879, -35.7807)
contains.

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Color

**YUV(80.7990, -28.9879,
-35.7807)**

Conversions

Conversions Part 1

Format	Color
Hex	287116
RGB	40, 113, 22
RGB Percent	16%, 44%, 9%
CMY	0.8431, 0.5569, 0.9137
CMYK	0.65, 0.00, 0.81, 0.56
HSL	108°, 67%, 26%
HSV	108°, 81%, 44%
XYZ	6.9250, 12.3193, 2.7719
YIQ	80.7990, -14.2970, -43.7770

Conversions

Conversions Part 2

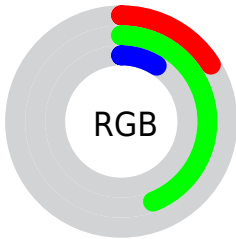
Format	Color
R_{YB}	22, 113, 95
Decimal	2650390
CIE _{Lab}	41.72, -39.96, 40.68
CIE _{LCh}	42, 57.022, 134.486
Yxy	12.3193, 0.3145, 0.5596
Android (android.graphics.Color)	4280840470 (0xFF287116)
YUV	80.7990, -28.9879, -35.7807
Hunter-Lab	35.0989, -26.2049, 19.8868

Details

The YUV color **80.7990, -28.9879, -35.7807** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **54.2010, 28.9879, 35.7807**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.1690, -30.1563, -34.3512**, and **37.5680, -18.5210, -32.9471** is the 20% darker color. If you saturate the color by 10%, you get **76.8540, -32.4660, -40.2140**, and if you desaturate by 10%, it is **84.7440, -25.5098, -31.3475**.

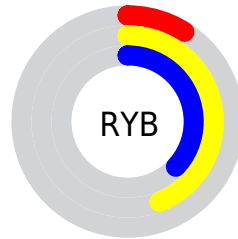
Distribution



Red (16%)

Green (44%)

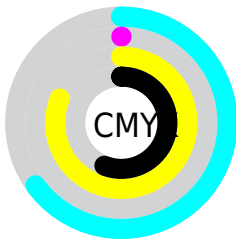
Blue (9%)



Red (9%)

Yellow (44%)

Blue (37%)

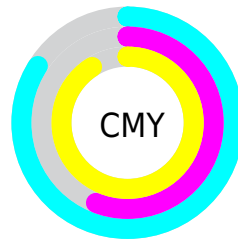


Cyan (65%)

Magenta (0%)

Yellow (81%)

Black (56%)



Cyan (84%)

Magenta (56%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.7990, -28.9879, -35.7807 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 80.7990, -28.9879, -35.7807 by changing the saturation by 10% instead.

■ 80.7990, -28.9879,
-35.7807

■ 80.7990, -28.9879,
-35.7807

255.0000, 0.0000,
0.0000

■ 51.9550, -25.6138,
-44.6875

■ 134.1690,
-30.1563, -34.3512

■ 37.5680, -18.5210,
-32.9471

■ 160.9410,
-31.0299, -34.1513

■ 24.6540, -12.1544,
-21.6216

■ 188.7130,
-31.9035, -33.9513

■ 7.0440, -3.4727,
-6.1776

■ 217.1860,
-32.6297, -34.3661

■ 0.0000, 0.0000,
0.0000

■ 231.5710,
-26.4105, -22.4258

■ 243.7330,

-18.6024, -6.7818

■ 252.6060, -9.1728,
2.0995

■ 80.7990, -28.9879,
-35.7807

■ 80.7990, -28.9879,
-35.7807

■ 76.8540, -32.4660,
-40.2140

■ 84.7440, -25.5098,
-31.3475

■ 72.9090, -35.9441,
-44.6472

■ 88.8030, -21.5949,
-27.0142

■ 92.7480, -18.1168,
-22.5810

■ 96.6930, -14.6386,
-18.1478

■ 100.7520,
-10.7237, -13.8145

■ 104.6970, -7.2456,
-9.3813

■ 108.6420, -3.7675,
-4.9480

■ 112.8860, -0.4368,
0.1000

■ 116.9450, 3.4781,
4.4332

Harmonies

Analogous

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



89.7630, -44.2532, 7.2238



80.7990, -28.9879, -35.7807



77.4740, -2.6987, -67.9447

Triad

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



80.7990, -28.9879, -35.7807



86.7030, 50.4324, -76.0385



90.0130, -5.9224, 79.7956

Complementary

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



80.7990, -28.9879, -35.7807



54.2010, 28.9879, 35.7807

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.



94.7180, 14.9290, 65.1453



80.7990, -28.9879, -35.7807



84.5900, 51.9671, -54.8914

Square

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



80.7990, -28.9879, -35.7807



87.9620, 37.4867, -77.1427



100.6340, 32.2254, 24.0000



92.1490, -29.1605, 66.5213

Rectangle

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



80.7990, -28.9879, -35.7807



81.7090, 10.9895, -71.6588



100.6340, 32.2254, 24.0000



90.2500, 1.3558, 78.7108

Sweetspot

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



80.7990, -28.9879, -35.7807



135.2250, -11.4499, -14.2293



92.0600, -34.5396, 18.3644



66.5230, -6.6668, -8.3517



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.



80.7990, -28.9879, -35.7807



97.1990, -45.9471, -56.3025



78.4950, -14.5410, -49.5461



54.1200, -2.0312, -1.8592



77.6160, -38.2647, -47.0212



159.6400, -78.7025, -97.0313

Inverse Universe

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



54.2010, 28.9879, 35.7807



55.1000, 45.7997, 56.9173



56.5050, 14.5410, 49.5461



52.1790, 1.8838, 2.4740



42.3840, 38.2647, 47.0212



87.3600, 78.7025, 97.0313

Previews

White Background



This preview shows how the YUV color 80.7990, -28.9879, -35.7807 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



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 80.7990, -28.9879, -35.7807

Background



This preview shows how black text looks on a background with the YUV color 80.7990, -28.9879, -35.7807.



This preview shows how white text looks on a background with the YUV color 80.7990, -28.9879, -35.7807.

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

80.7990, -28.9879, -35.7807

Protanopia

92.4680, -36.7127, 15.3756

Deuteranopia

95.0160, -31.0669, 24.5420



Tritanopia

92.5710, 10.5645, -28.5648

Trichromacy



Original Color

80.7990, -28.9879, -35.7807

Protanomaly

88.0420, -34.0377, -2.6678

Deuteranomaly

89.6990, -30.4176, 2.8950

Tritanomaly

88.4770, -3.6862, -31.1133

Monochromacy



Original Color

80.7990, -28.9879, -35.7807

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

81.1650, -10.4343, -13.2997

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.7990, -28.9879, -35.7807 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(40, 113, 22)` looks like.

```
.text, #text, p{  
    color:rgb(40, 113, 22)  
}
```

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(40, 113, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 113, 22) }
```

Border

The CSS property to change the border of an element to YUV 80.7990, -28.9879, -35.7807 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(40, 113, 22) }
```


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

```
.border{ border-color:rgb(40, 113, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 113, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 113, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 113, 22);  
box-shadow:4px 4px 4px 4px rgb(40, 113,  
22) }
```

Background

The CSS property to change the background color of an element to YUV 80.7990, -28.9879, -35.7807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 113, 22) }
```

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

```
.background{ background-color: rgb(40, 113,  
22) }
```

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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