

Converting Colors

YUV(79.6290, -17.5651,
-12.8296)

Have a look what the booklet for
YUV(79.6290, -17.5651, -12.8296)
contains.

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Color

**YUV(79.6290, -17.5651,
-12.8296)**

Conversions

Conversions Part 1

Format	Color
Hex	415E2C
RGB	65, 94, 44
RGB Percent	25%, 37%, 17%
CMY	0.7451, 0.6314, 0.8275
CMYK	0.31, 0.00, 0.53, 0.63
HSL	95°, 36%, 27%
HSV	95°, 53%, 37%
XYZ	6.6373, 9.3111, 3.8303
YIQ	79.6290, -1.2340, -21.6980

Conversions

Conversions Part 2

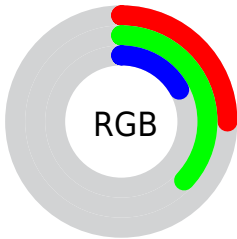
Format	Color
R_{YB}	44, 94, 73
Decimal	4283948
CIE Lab	36.58, -20.72, 25.12
CIE LCh	37, 32.563, 129.525
Yxy	9.3111, 0.3356, 0.4708
Android (android.graphics.Color)	4282474028 (0xFF415E2C)
YUV	79.6290, -17.5651, -12.8296
Hunter-Lab	30.5141, -14.5730, 13.9175

Details

The YUV color **79.6290, -17.5651, -12.8296** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **58.3710, 17.5651, 12.8296**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.5750, -19.0175, -13.6593**, and **34.1560, -16.8389, -12.4148** is the 20% darker color. If you saturate the color by 10%, you get **77.1080, -20.7592, -15.0037**, and if you desaturate by 10%, it is **82.1500, -14.3710, -10.6556**.

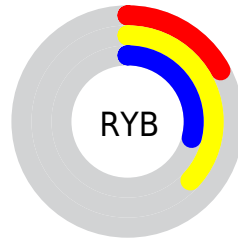
Distribution



Red (25%)

Green (37%)

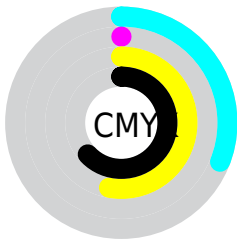
Blue (17%)



Red (17%)

Yellow (37%)

Blue (29%)

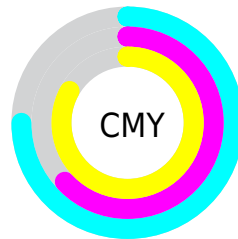


Cyan (31%)

Magenta (0%)

Yellow (53%)

Black (63%)



Cyan (75%)

Magenta (63%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.6290, -17.5651, -12.8296 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 79.6290, -17.5651, -12.8296 by changing the saturation by 10% instead.

■ 79.6290, -17.5651,
-12.8296

■ 79.6290, -17.5651,
-12.8296

255.0000, 0.0000,
0.0000

■ 56.1560, -16.8389,
-12.4148

■ 129.5750,
-19.0175, -13.6593

■ 34.1560, -16.8389,
-12.4148

■ 155.4610,
-19.4543, -13.5593

■ 16.4360, -8.1029,
-14.4144

■ 182.9340,
-20.1805, -13.9741

■ 0.0000, 0.0000,
0.0000

■ 210.7060,
-21.0541, -13.7742

■ 238.7060,
-21.0541, -13.7742

■ 250.5690,

-13.0985, 1.2550

254.7720, -0.8736,
0.2000

■ 79.6290, -17.5651,
-12.8296

■ 79.6290, -17.5651,
-12.8296

■ 77.1080, -20.7592,
-15.0037

■ 82.1500, -14.3710,
-10.6556

■ 74.1740, -24.2428,
-17.6926

■ 85.0840, -10.8874,
-7.9667

■ 71.6530, -27.4369,
-19.8667

■ 87.6050, -7.6933,
-5.7926

■ 68.7190, -30.9205,
-22.5556

■ 90.5390, -4.2097,
-3.1037

■ 66.8390, -32.9516,
-24.4148

■ 93.0600, -1.0156,
-0.9296

■ 95.8800, 2.0312,
1.8592

■ 98.5150, 5.6621,
3.9333

■ 101.3350, 8.7088,
6.7222

■ 103.9700, 12.3398,
8.7963

Harmonies

Analogous

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



82.5240, -24.9083, 9.1875



79.6290, -17.5651, -12.8296



72.3400, -2.6326, -42.3942

Triad

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



79.6290, -17.5651, -12.8296



70.5680, 31.7650, -61.8881



86.9390, -3.9139, 42.1495

Complementary

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



79.6290, -17.5651, -12.8296



58.3710, 17.5651, 12.8296

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.



88.6740, 8.0487, 31.8579



79.6290, -17.5651, -12.8296



82.9580, 27.1357, -23.6422

Square

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



79.6290, -17.5651, -12.8296



71.0920, 23.6186, -62.3477



88.6910, 18.8863, 9.0410



85.8280, -15.6912, 39.6158

Rectangle

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



79.6290, -17.5651, -12.8296



67.8030, 8.4781, -59.4632



88.6910, 18.8863, 9.0410



87.3670, 0.3121, 40.0201

Sweetspot

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



79.6290, -17.5651, -12.8296



116.5450, -6.6777, -4.8630



75.3860, -15.4733, 16.3245



57.6530, -3.7729, -3.2037



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



79.6290, -17.5651, -12.8296



99.6530, -27.4369, -19.8667



73.6920, -13.1592, -26.0399



44.5330, -1.7418, -1.3444



78.3240, -38.6137, -28.3481



169.0190, -83.3264, -60.5297

Inverse Universe

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



58.3710, 17.5651, 12.8296



66.3470, 27.4369, 19.8667



64.3080, 13.1592, 26.0399



42.4670, 1.7418, 1.3444



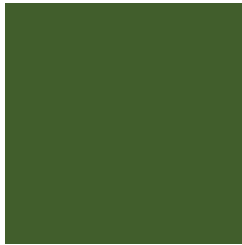
31.6760, 38.6137, 28.3481



68.2800, 83.1790, 61.1444

Previews

White Background



This preview shows how the YUV color 79.6290, -17.5651, -12.8296 looks on a white background.

Color Contrast Check

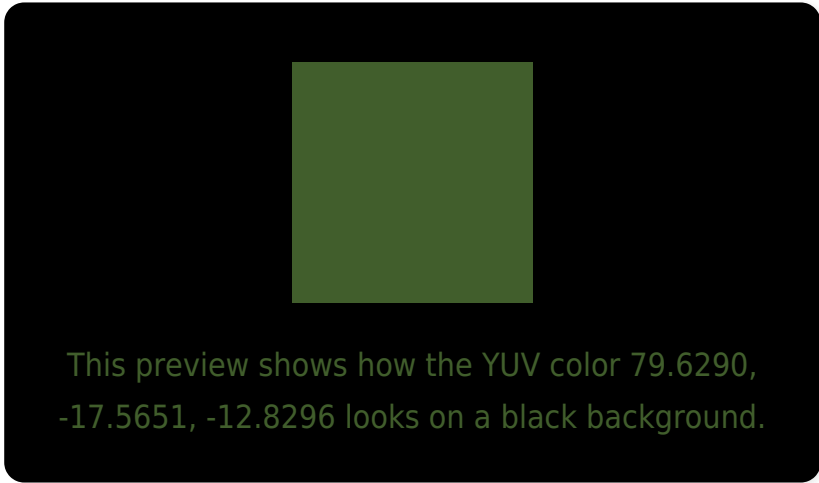
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

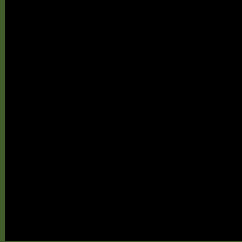
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 79.6290, -17.5651, -12.8296

Background



This preview shows how black text looks on a background with the YUV color 79.6290, -17.5651, -12.8296.



This preview shows how white text looks on a background with the YUV color 79.6290, -17.5651, -12.8296.

-12.8296.

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

79.6290, -17.5651, -12.8296

Protanopia

83.5610, -20.9826, 10.0320

Deuteranopia

84.8870, -18.6783, 17.6391



Tritanopia

84.4270, 5.7055, -10.0215

Trichromacy



Original Color

79.6290, -17.5651, -12.8296

Protanomaly

82.1470, -19.7925, 1.6251

Deuteranomaly

82.6360, -18.0615, 6.4582

Tritanomaly

82.5380, -2.7302, -10.9958

Monochromacy



Original Color

79.6290, -17.5651, -12.8296

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

79.9580, -6.3883, -4.3482

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.6290, -17.5651, -12.8296 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(65, 94, 44)` looks like.

```
.text, #text, p{  
    color:rgb(65, 94, 44)  
}
```

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(65, 94, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 94, 44) }
```

Border

The CSS property to change the border of an element to YUV 79.6290, -17.5651, -12.8296 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(65, 94, 44) }
```


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

```
.border{ border-color:rgb(65, 94, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 94, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 94, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 94, 44);  
box-shadow:4px 4px 4px 4px rgb(65, 94, 44)  
}
```

Background

The CSS property to change the background color of an element to YUV 79.6290, -17.5651, -12.8296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 94, 44) }
```

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

```
.background{ background-color: rgb(65, 94,  
44) }
```

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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