

Converting Colors

YUV(78.5200, -15.5394, -9.2260)

Have a look what the booklet for
YUV(78.5200, -15.5394, -9.2260)
contains.

YUV(78.5200, -15.5394, -9.2260)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(78.5200, -15.5394,
-9.2260)**

Conversions

Conversions Part 1

Format	Color
Hex	445A2F
RGB	68, 90, 47
RGB Percent	27%, 35%, 18%
CMY	0.7333, 0.6471, 0.8157
CMYK	0.24, 0.00, 0.48, 0.65
HSL	91°, 31%, 27%
HSV	91°, 48%, 35%
XYZ	6.5532, 8.7465, 4.0322
YIQ	78.5200, 0.6910, -18.0370

Conversions

Conversions Part 2

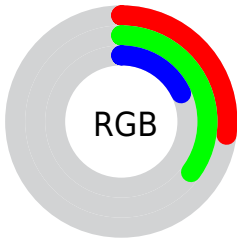
Format	Color
R_{YB}	47, 90, 69
Decimal	4479535
CIE _{Lab}	35.49, -16.92, 22.11
CIE _{LCh}	35, 27.846, 127.422
Yxy	8.7465, 0.3390, 0.4524
Android (android.graphics.Color)	4282669615 (0xFF445A2F)
YUV	78.5200, -15.5394, -9.2260
Hunter-Lab	29.5745, -12.2031, 12.6186

Details

The YUV color **78.5200, -15.5394, -9.2260** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **58.4800, 15.5394, 9.2260**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.8790, -16.7023, -9.5409**, and **33.0040, -16.2710, -7.8965** is the 20% darker color. If you saturate the color by 10%, you get **75.9990, -18.7335, -11.4001**, and if you desaturate by 10%, it is **81.0410, -12.3452, -7.0520**.

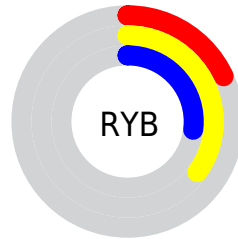
Distribution



Red (27%)

Green (35%)

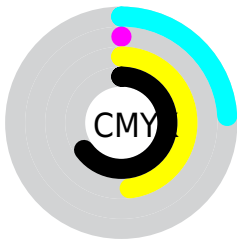
Blue (18%)



Red (18%)

Yellow (35%)

Blue (27%)

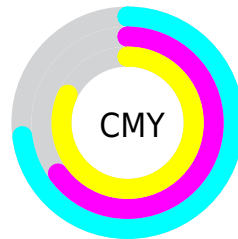


Cyan (24%)

Magenta (0%)

Yellow (48%)

Black (65%)



Cyan (73%)

Magenta (65%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.5200, -15.5394, -9.2260 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 78.5200, -15.5394, -9.2260 by changing the saturation by 10% instead.

■ 78.5200, -15.5394,
-9.2260

■ 78.5200, -15.5394,
-9.2260

255.0000, 0.0000,
0.0000

■ 55.0470, -14.8132,
-8.8112

■ 127.8790,
-16.7023, -9.5409

■ 33.0040, -16.2710,
-7.8965

■ 154.3520,
-17.4285, -9.9557

■ 14.6750, -7.2348,
-12.8700

■ 181.2380,
-17.8653, -9.8557

■ 0.0000, 0.0000,
0.0000

■ 208.7110,
-18.5915, -10.2705

■ 237.0100,
-18.7389, -9.6558

■ 251.5090,

-12.0829, 2.1846

■ 78.5200, -15.5394,
-9.2260

■ 78.5200, -15.5394,
-9.2260

■ 75.9990, -18.7335,
-11.4001

■ 81.0410, -12.3452,
-7.0520

■ 73.7770, -22.0751,
-12.9594

■ 83.2630, -9.0037,
-5.4927

■ 71.2560, -25.2692,
-15.1335

■ 85.7840, -5.8095,
-3.3186

■ 69.0340, -28.6108,
-16.6928

■ 88.0060, -2.4680,
-1.7593

■ 66.5130, -31.8049,
-18.8669

■ 90.5270, 0.7262,
0.4148

■ 65.9860, -32.5311,
-19.2817

■ 93.0480, 3.9203,
2.5889

■ 95.2700, 7.2619,
4.1482

■ 97.7910, 10.4560,
6.3223

■ 100.0130, 13.7976,
7.8816

Harmonies

Analogous

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



81.1480, -21.2720, 9.5172



78.5200, -15.5394, -9.2260



74.0640, -3.9756, -31.6281

Triad

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



78.5200, -15.5394, -9.2260



66.9660, 28.1178, -58.7292



84.5360, -2.7292, 35.4869

Complementary

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



78.5200, -15.5394, -9.2260



58.4800, 15.5394, 9.2260

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.



86.1140, 7.3388, 26.2100



78.5200, -15.5394, -9.2260



80.8290, 22.7623, -20.8980

Square

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



78.5200, -15.5394, -9.2260



67.7180, 20.8450, -59.3887



85.9850, 16.2764, 6.1522



83.8920, -12.7648, 34.2977

Rectangle

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



78.5200, -15.5394, -9.2260



65.2980, 7.7411, -56.3893



85.9850, 16.2764, 6.1522



85.0350, 0.4757, 34.1723

Sweetspot

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



78.5200, -15.5394, -9.2260



112.7840, -5.8095, -3.3186



72.7710, -12.7051, 15.1098



56.3650, -3.6309, -2.0741



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



78.5200, -15.5394, -9.2260



99.1960, -24.2536, -14.2039



72.2410, -12.4438, -22.1364



44.8320, -1.8892, -0.7297



80.7160, -39.7930, -23.4299



173.8030, -85.6849, -50.6932

Inverse Universe

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



58.4800, 15.5394, 9.2260



68.1030, 24.1062, 14.8187



64.7590, 12.4438, 22.1364



42.4670, 1.7418, 1.3444



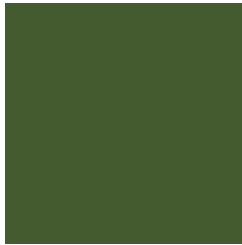
29.2840, 39.7930, 23.4299



63.1970, 85.6849, 50.6932

Previews

White Background



This preview shows how the YUV color 78.5200, -15.5394, -9.2260 looks on a white background.

Color Contrast Check

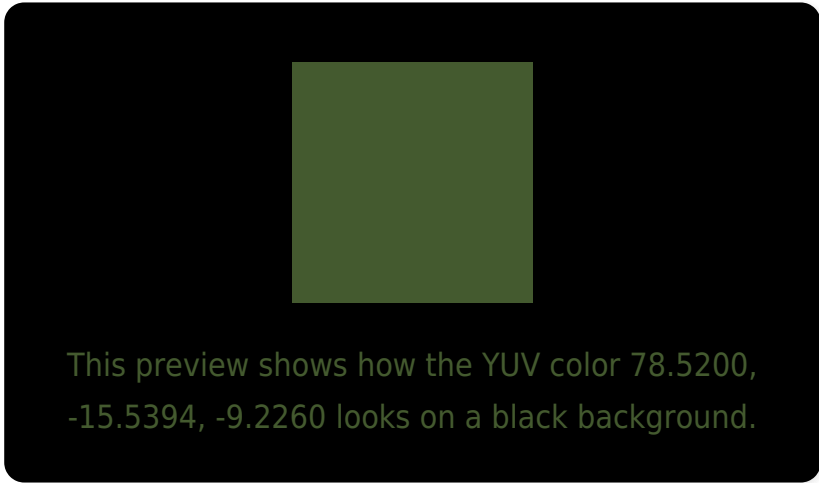
Large Text (above 18pt) WCAG AA ✓ Pass

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

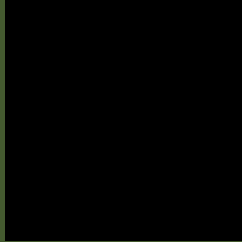
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.5200, -15.5394, -9.2260

Background



This preview shows how black text looks on a background with the YUV color 78.5200, -15.5394, -9.2260.



This preview shows how white text looks on a background with the YUV color 78.5200, -15.5394,

-9.2260.

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

78.5200, -15.5394, -9.2260

Protanopia

81.3590, -17.9250, 9.3322

Deuteranopia

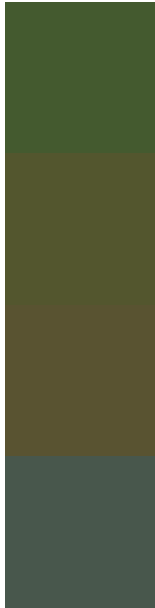
82.2720, -15.9101, 16.4245



Tritanopia

82.5090, 4.6791, -7.4624

Trichromacy



Original Color

78.5200, -15.5394, -9.2260

Protanomaly

80.5430, -17.0297, 2.1548

Deuteranomaly

80.9180, -15.7356, 7.0879

Tritanomaly

81.2610, -2.5937, -8.1219

Monochromacy



Original Color

78.5200, -15.5394, -9.2260

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

78.7840, -5.8095, -3.3186

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.5200, -15.5394, -9.2260 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(68, 90, 47)` looks like.

```
.text, #text, p{  
    color:rgb(68, 90, 47)  
}
```

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(68, 90, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 90, 47) }
```

Border

The CSS property to change the border of an element to YUV 78.5200, -15.5394, -9.2260 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(68, 90, 47) }
```


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

```
.border{ border-color:rgb(68, 90, 47) }
```

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

Here you see how a box with a 4 pixel rgb(68, 90, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 90, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 90, 47);  
box-shadow:4px 4px 4px 4px rgb(68, 90, 47)  
}
```

Background

The CSS property to change the background color of an element to YUV 78.5200, -15.5394, -9.2260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 90, 47) }
```

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

```
.background{ background-color: rgb(68, 90,  
47) }
```

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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