

Converting Colors

YUV(41.8520, -12.2520, 9.7768)

Have a look what the booklet for
YUV(41.8520, -12.2520, 9.7768)
contains.

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Color

**YUV(41.8520, -12.2520,
9.7768)**

Conversions

Conversions Part 1

Format	Color
Hex	352911
RGB	53, 41, 17
RGB Percent	21%, 16%, 7%
CMY	0.7922, 0.8392, 0.9333
CMYK	0.00, 0.23, 0.68, 0.79
HSL	40°, 51%, 14%
HSV	40°, 68%, 21%
XYZ	2.3623, 2.3832, 0.8658
YIQ	41.8520, 14.8560, -4.9200

Conversions

Conversions Part 2

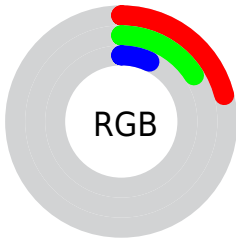
Format	Color
RYB	35, 53, 17
Decimal	3483921
CIELab	17.38, 2.03, 17.58
CIElCh	17, 17.701, 83.422
Yxy	2.3832, 0.4210, 0.4247
Android (android.graphics.Color)	4281674001 (0xFF352911)
YUV	41.8520, -12.2520, 9.7768
Hunter-Lab	15.4377, 0.2985, 7.4812

Details

The YUV color **41.8520, -12.2520, 9.7768** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **28.1480, 12.2520, -9.7768**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **87.5210, -13.5679, 11.8211**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **40.1080, -13.8572, 11.3063**, and if you desaturate by 10%, it is **43.5960, -10.6468, 8.2473**.

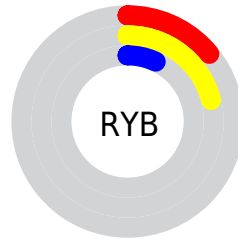
Distribution



Red (21%)

Green (16%)

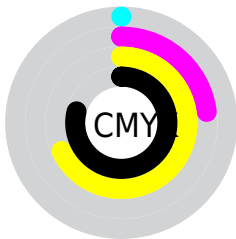
Blue (7%)



Red (14%)

Yellow (21%)

Blue (7%)

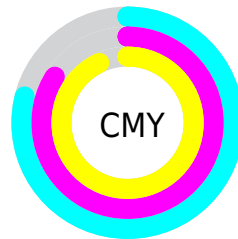


Cyan (0%)

Magenta (23%)

Yellow (68%)

Black (79%)



Cyan (79%)

Magenta (84%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.8520, -12.2520, 9.7768 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 41.8520, -12.2520, 9.7768 by changing the saturation by 10% instead.

■ 41.8520, -12.2520,
9.7768

■ 41.8520, -12.2520,
9.7768

■ 253.5180, -5.6784,
1.2997

■ 21.8950, -10.7942,
8.8621

■ 87.5210, -13.5679,
11.8211

■ 0.0000, 0.0000,
0.0000

■ 112.0050,
-14.2995, 13.1506

■ 137.7770,
-15.1731, 13.3506


■ 164.0760,
-15.3205, 13.9653


■ 191.2610,
-15.9047, 14.6801


■ 219.1470,


-16.3415, 14.7801


 244.4560,
-15.0148, 9.2471


 41.8520, -12.2520,
9.7768


 41.8520, -12.2520,
9.7768


 40.1080, -13.8572,
11.3063


 43.5960, -10.6468,
8.2473


 38.2500, -15.8992,
12.9358


 45.4540, -8.6048,
6.6178

 37.0930, -17.7938,
13.9504

 46.6110, -6.7102,
5.6032

 36.3920, -17.9413,
14.5652

 48.3550, -5.1050,
4.0737

 50.2130, -3.0630,
2.4442

■ 51.9570, -1.4578,
0.9147

■ 53.1140, 0.4368,
-0.1000

■ 54.8580, 2.0420,
-1.6295

■ 56.7160, 4.0840,
-3.2589

Harmonies

Analogous

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



42.2920, -9.5110, 17.2839



41.8520, -12.2520, 9.7768



40.8400, -10.7671, 0.1403

Triad

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



41.8520, -12.2520, 9.7768



34.6910, 8.5333, -30.4240



44.4880, 6.6614, 10.0960

Complementary

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



41.8520, -12.2520, 9.7768



28.1480, 12.2520, -9.7768

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.



42.9640, 11.3567, -2.5994



41.8520, -12.2520, 9.7768



35.3580, 13.6275, -31.0090

Square

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



41.8520, -12.2520, 9.7768



34.7040, 2.1179, -26.0504



38.6520, 14.4686, -20.7428



44.0500, 0.9614, 18.3732

Rectangle

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



41.8520, -12.2520, 9.7768



39.5940, -7.6878, -7.5369



38.6520, 14.4686, -20.7428



43.9220, 8.4195, 6.2074

Sweetspot

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



41.8520, -12.2520, 9.7768



64.4690, -4.6682, 3.9737



29.1320, -0.0651, 20.9322



33.2130, -3.0630, 2.4442



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



41.8520, -12.2520, 9.7768



51.3490, -19.3991, 15.4799



47.1020, -14.8403, -0.0895



25.0710, -1.0210, 0.8147



61.8310, -30.4827, 23.8272



149.9980, -73.9490, 58.7608

Inverse Universe

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



28.1480, 12.2520, -9.7768



29.6510, 19.3991, -15.4799



22.8980, 14.8403, 0.0895



23.9290, 1.0210, -0.8147



27.7560, 30.1933, -24.3420



67.0020, 73.9490, -58.7608

Previews

White Background



This preview shows how the YUV color 41.8520, -12.2520, 9.7768 looks on a white background.

Color Contrast Check

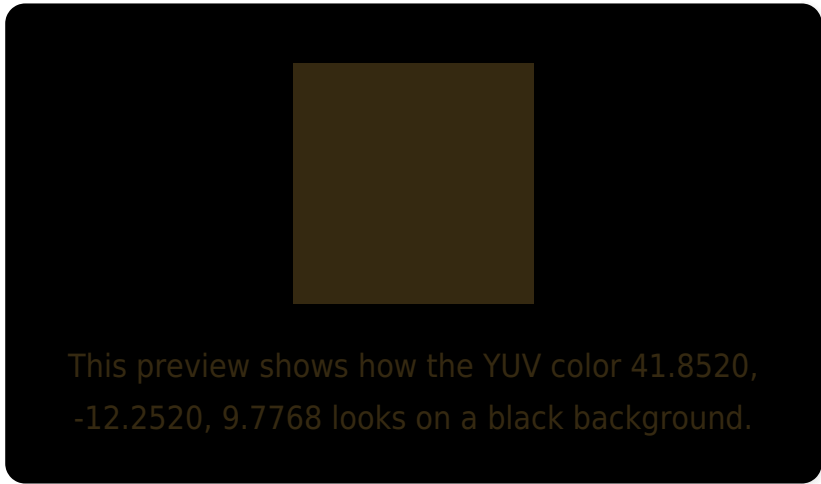
Large Text (above 18pt) WCAG AA ✓ Pass

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

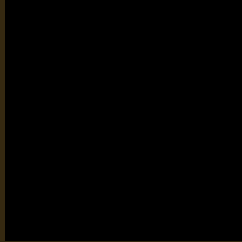
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 41.8520, -12.2520, 9.7768

Background



This preview shows how black text looks on a background with the YUV color 41.8520, -12.2520, 9.7768.

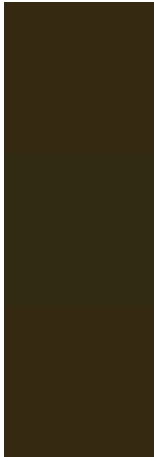


This preview shows how white text looks on a background with the YUV color 41.8520, -12.2520,

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

41.8520, -12.2520, 9.7768

Protanopia

41.6450, -11.6570, 5.5733

Deuteranopia

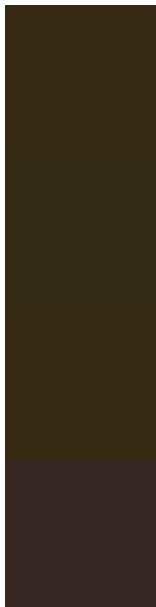
41.8520, -12.2520, 9.7768



Tritanopia

43.4250, -1.1955, 10.1513

Trichromacy



Original Color

41.8520, -12.2520, 9.7768

Protanomaly

41.6560, -11.6624, 7.3177

Deuteranomaly

41.8520, -12.2520, 9.7768

Tritanomaly

42.6870, -5.2687, 9.9215

Monochromacy



Original Color

41.8520, -12.2520, 9.7768

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

42.1700, -4.5208, 3.3589

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.8520, -12.2520, 9.7768 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(53, 41, 17)` looks like.

```
.text, #text, p{  
    color:rgb(53, 41, 17)  
}
```

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(53, 41, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 41, 17) }
```

Border

The CSS property to change the border of an element to YUV 41.8520, -12.2520, 9.7768 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(53, 41, 17) }
```


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

```
.border{ border-color:rgb(53, 41, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 41, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 41, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 41, 17);  
box-shadow:4px 4px 4px 4px rgb(53, 41, 17)  
}
```

Background

The CSS property to change the background color of an element to YUV 41.8520, -12.2520, 9.7768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 41, 17) }
```

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

```
.background{ background-color: rgb(53, 41,  
17) }
```

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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