

# Converting Colors

YUV(74.7520, -26.4997,  
146.6765)

Have a look what the booklet for  
YUV(74.7520, -26.4997, 146.6765)  
contains.

<b>YUV(74.7520, -26.4997, 146.6765)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(74.7520, -26.4997,  
146.6765)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F20015
RGB	242, 0, 21
RGB Percent	95%, 0%, 8%
CMY	0.0510, 1.0000, 0.9176
CMYK	0.00, 1.00, 0.91, 0.05
HSL	355°, 100%, 47%
HSV	355°, 100%, 95%
XYZ	36.7533, 18.9314, 2.4265
YIQ	74.7520, 137.4910, 57.8350

# Conversions

## Conversions Part 2

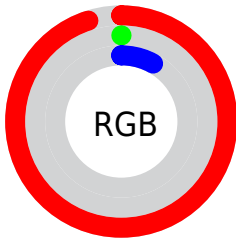
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	242, 0, 21
Decimal	15859733
CIE <sub>Lab</sub>	50.61, 77.17, 58.56
CIE <sub>LCh</sub>	51, 96.873, 37.191
Yxy	18.9314, 0.6325, 0.3258
Android (android.graphics.Color)	4294049813 (0xFFFF20015)
YUV	74.7520, -26.4997, 146.6765
Hunter-Lab	43.5102, 74.6370, 27.1507

# Details

The YUV color **74.7520, -26.4997, 146.6765** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark saturated red. A complement of this color would be **167.2480, 26.4997, -146.6765**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.4030, -34.2157, 101.3786**, and **52.3250, -25.7962, 107.5860** is the 20% darker color. If you saturate the color by 10%, you get **74.7520, -26.4997, 146.6765**, and if you desaturate by 10%, it is **91.3480, -23.8356, 132.1218**.

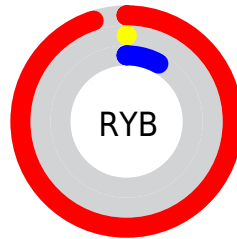
# Distribution



Red (95%)

Green (0%)

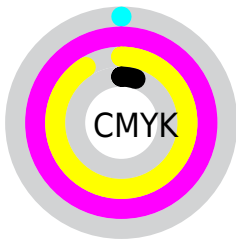
Blue (8%)



Red (95%)

Yellow (0%)

Blue (8%)

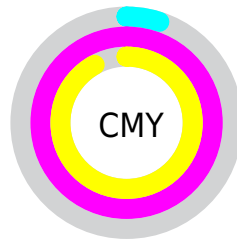


Cyan (0%)

Magenta (100%)

Yellow (91%)

Black (5%)



Cyan (5%)

Magenta (100%)


Yellow (92%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 74.7520, -26.4997, 146.6765 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 74.7520, -26.4997, 146.6765 by changing the saturation by 10% instead.





 74.7520, -26.4997,  
146.6765


 74.7520, -26.4997,  
146.6765


255.0000, 0.0000,  
0.0000

 62.1920, -30.6607,  
127.8736


 139.4030,  
-34.2157, 101.3786

 52.3250, -25.7962,  
107.5860


 160.4500,  
-32.2669, 82.9203


 42.4580, -20.9318,  
87.2983


 181.0240,  
-29.5918, 64.8770

 33.1180, -15.3412,  
67.4255

 201.5980,  
-26.9168, 46.8336

 24.3760, -10.0454,  
48.7822

 222.2860,  
-23.8050, 28.6902


 14.5800, -6.2019,  
29.3093


 243.6750,


 0.0000, 0.0000,

-20.5458, 9.9320


0.0000


 252.1500,  
-10.9200, 2.4994


 74.7520, -26.4997,  
146.6765

 91.3480, -23.8356,  
132.1218

 107.9440,  
-21.1714, 117.5671

 125.1270,  
-18.7966, 102.4976

 141.7230,  
-16.1324, 87.9429

 158.4330,  
-13.0315, 73.2883

■ 175.0290,  
-10.3673, 58.7336

■ 191.6250, -7.7031,  
44.1789

■ 208.8080, -5.3283,  
29.1094

■ 225.4040, -2.6642,  
14.5547

# Harmonies

## Analogous

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



88.2150, 8.2750, 146.2704



74.7520, -26.4997, 146.6765



111.4340, -54.9370, 74.1644

# Triad

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



74.7520, -26.4997, 146.6765



93.0490, -21.7162, -81.6040



103.6190, 74.6308, -90.8739

# Complementary

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



74.7520, -26.4997, 146.6765



167.2480, 26.4997, -146.6765

# 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.



114.7720, 69.1324, -100.6550



74.7520, -26.4997, 146.6765



105.0700, 16.7275, -92.1464

# Square

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



74.7520, -26.4997, 146.6765



82.7670, -40.8041, -72.5867



114.8910, 51.8187, -100.7594



119.6290, 66.7379, 14.3574



# Rectangle

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



74.7520, -26.4997, 146.6765



113.5510, -55.9806, 35.4738



114.8910, 51.8187, -100.7594



108.3150, 72.3157, -94.9923

# Sweetspot

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



74.7520, -26.4997, 146.6765



202.4080, -8.5821, 46.1232



92.7700, 73.5704, 109.8267



96.2100, -5.0335, 27.8798



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

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



74.7520, -26.4997, 146.6765



78.7530, -27.9792, 154.5686



129.2970, -63.7434, 98.8405



111.7020, -1.3321, 7.2773



56.8400, -20.1341, 111.5193



17.3140, -6.0708, 33.9276



# Inverse Universe

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



74.7520, -26.4997, 146.6765



78.7530, -27.9792, 154.5686



112.7030, 63.7434, -98.8405



111.7020, -1.3321, 7.2773



56.8400, -20.1341, 111.5193



17.3140, -6.0708, 33.9276



# Previews

## White Background



This preview shows how the YUV color 74.7520, -26.4997, 146.6765 looks on a white 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



# Black Background



This preview shows how the YUV color 74.7520, -26.4997, 146.6765 looks on a black 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

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

# YUV 74.7520, -26.4997, 146.6765

## Background



This preview shows how black text looks on a background with the YUV color 74.7520, -26.4997, 146.6765.



This preview shows how white text looks on a background with the YUV color 74.7520, -26.4997,

146.6765.

# 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

74.7520, -26.4997, 146.6765

### Protanopia

117.3650, -37.1549, 17.2199

### Deuteranopia

114.1380, -56.2700, 34.9590



## Tritanopia

84.6740, -41.7443, 136.2209

# Trichromacy



## Original Color

74.7520, -26.4997, 146.6765

## Protanomaly

101.9870, -33.5176, 64.0324

## Deuteranomaly

99.9640, -45.3383, 75.4536

## Tritanomaly

81.1890, -36.0822, 140.1542

# Monochromacy



## Original Color

74.7520, -26.4997, 146.6765

## Achromatopsia

75.0000, 0.0000, 0.0000

## Achromatomaly

75.1100, -9.9142, 53.4005

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 74.7520, -26.4997, 146.6765 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(242, 0, 21)` looks like.

```
.text, #text, p{  
    color:rgb(242, 0, 21)  
}
```

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(242, 0, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 0, 21) }
```

## Border

The CSS property to change the border of an element to YUV 74.7520, -26.4997, 146.6765 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(242, 0, 21) }
```



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

```
.border{ border-color:rgb(242, 0, 21) }
```

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

Here you see how a box with a 4 pixel rgb(242, 0, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 0, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 0, 21);  
box-shadow:4px 4px 4px 4px rgb(242, 0, 21)  
}
```

# Background

The CSS property to change the background color of an element to YUV 74.7520, -26.4997, 146.6765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 0, 21) }
```

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

```
.background{ background-color: rgb(242, 0,  
21) }
```

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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