

Converting Colors

YUV(73.6120, -30.8677,
147.6763)

Have a look what the booklet for
YUV(73.6120, -30.8677, 147.6763)
contains.

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Color

**YUV(73.6120, -30.8677,
147.6763)**

Conversions

Conversions Part 1

Format	Color
Hex	F2000B
RGB	242, 0, 11
RGB Percent	95%, 0%, 4%
CMY	0.0510, 1.0000, 0.9569
CMYK	0.00, 1.00, 0.95, 0.05
HSL	357°, 100%, 47%
HSV	357°, 100%, 95%
XYZ	36.6784, 18.9014, 2.0318
YIQ	73.6120, 140.7010, 54.7250

Conversions

Conversions Part 2

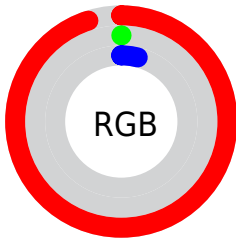
Format	Color
R_{YB}	242, 0, 11
Decimal	15859723
CIE _{Lab}	50.57, 77.07, 61.73
CIE _{LCh}	51, 98.748, 38.692
Yxy	18.9014, 0.6366, 0.3281
Android (android.graphics.Color)	4294049803 (0xFFFF2000B)
YUV	73.6120, -30.8677, 147.6763
Hunter-Lab	43.4757, 74.5091, 27.6622

Details

The YUV color **73.6120, -30.8677, 147.6763** 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 **168.3880, 30.8677, -147.6763**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.6050, -37.2733, 102.0784**, and **52.3250, -25.7962, 107.5860** is the 20% darker color. If you saturate the color by 10%, you get **73.6120, -30.8677, 147.6763**, and if you desaturate by 10%, it is **90.3220, -27.7667, 133.0216**.

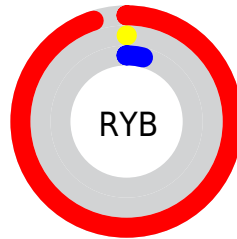
Distribution



Red (95%)

Green (0%)

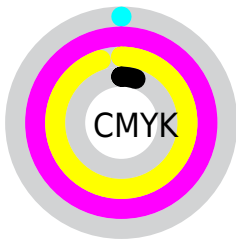
Blue (4%)



Red (95%)

Yellow (0%)

Blue (4%)

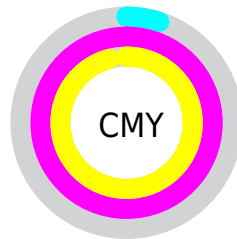


Cyan (0%)

Magenta (100%)

Yellow (95%)

Black (5%)



Cyan (5%)


Magenta (100%)


Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the YUV color 73.6120, -30.8677, 147.6763 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 73.6120, -30.8677, 147.6763 by changing the saturation by 10% instead.


 73.6120, -30.8677,
147.6763

 73.6120, -30.8677,
147.6763


254.6580, -1.3104,
0.2999

 62.1920, -30.6607,
127.8736


 138.6050,
-37.2733, 102.0784

 52.3250, -25.7962,
107.5860


 159.6520,
-35.3244, 83.6202


 42.4580, -20.9318,
87.2983


 180.2260,
-32.6494, 65.5768

 33.1180, -15.3412,
67.4255

 200.8000,
-29.9744, 47.5334

 24.3760, -10.0454,
48.7822

 221.4880,
-26.8626, 29.3900


 14.2810, -6.0545,
28.6946


 242.2900,


 0.0000, 0.0000,


-23.3140, 11.1467


0.0000


 251.3520,
-13.9775, 3.1993


 73.6120, -30.8677,
147.6763

 90.3220, -27.7667,
133.0216

 107.0320,
-24.6658, 118.3669

 124.3290,
-21.8542, 103.1975

 141.0390,
-18.7532, 88.5428

 157.8630,
-15.2155, 73.7881

■ 174.5730,
-12.1145, 59.1335

■ 191.2830, -9.0135,
44.4788

■ 208.5800, -6.2019,
29.3093

■ 225.2900, -3.1010,
14.6547

Harmonies

Analogous

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



87.6450, 6.0910, 146.7703



73.6120, -30.8677, 147.6763



112.0100, -55.2209, 71.9052

Triad

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



73.6120, -30.8677, 147.6763



93.5050, -19.9690, -82.0039



102.4450, 75.2096, -89.8443

Complementary

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



73.6120, -30.8677, 147.6763



168.3880, 30.8677, -147.6763

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



73.6120, -30.8677, 147.6763



106.2270, 18.6221, -93.1611

Square

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



73.6120, -30.8677, 147.6763



83.3540, -41.0935, -73.1015



115.4610, 54.0027, -101.2593



119.2600, 66.4268, 20.8200

Rectangle

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



73.6120, -30.8677, 147.6763



113.5290, -55.9698, 31.9851



115.4610, 54.0027, -101.2593



107.7280, 72.6051, -94.4775

Sweetspot

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



73.6120, -30.8677, 147.6763



202.0660, -9.8925, 46.4231



96.3580, 71.8015, 117.2040



95.9820, -5.9071, 28.0798



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.



73.6120, -30.8677, 147.6763



77.6130, -32.3472, 155.5684



136.3410, -67.2161, 92.6629



111.5880, -1.7689, 7.3773



55.9280, -23.6285, 112.3191



17.0860, -6.9444, 34.1276

Inverse Universe

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



73.6120, -30.8677, 147.6763



77.6130, -32.3472, 155.5684



105.6590, 67.2161, -92.6629



111.5880, -1.7689, 7.3773



55.9280, -23.6285, 112.3191



17.0860, -6.9444, 34.1276

Previews

White Background



This preview shows how the YUV color 73.6120, -30.8677, 147.6763 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 73.6120, -30.8677, 147.6763 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 73.6120, -30.8677, 147.6763

Background



This preview shows how black text looks on a background with the YUV color 73.6120, -30.8677, 147.6763.



This preview shows how white text looks on a background with the YUV color 73.6120, -30.8677,

147.6763.

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

73.6120, -30.8677, 147.6763

Protanopia

116.4530, -40.6493, 18.0197

Deuteranopia

114.1380, -56.2700, 34.9590



Tritanopia

84.6740, -41.7443, 136.2209

Trichromacy



Original Color

73.6120, -30.8677, 147.6763

Protanomaly

101.0750, -37.0120, 64.8322

Deuteranomaly

99.5080, -47.0854, 75.8535

Tritanomaly

80.7330, -37.8294, 140.5542

Monochromacy



Original Color

73.6120, -30.8677, 147.6763

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

73.7680, -11.2246, 53.7005

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.6120, -30.8677, 147.6763 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, 11)` looks like.

```
.text, #text, p{  
    color:rgb(242, 0, 11)  
}
```

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, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 0, 11) }
```

Border

The CSS property to change the border of an element to YUV 73.6120, -30.8677, 147.6763 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, 11) }
```


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

```
.border{ border-color:rgb(242, 0, 11) }
```

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, 11) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 0, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 0, 11);  
box-shadow:4px 4px 4px 4px rgb(242, 0, 11)  
}
```

Background

The CSS property to change the background color of an element to YUV 73.6120, -30.8677, 147.6763 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, 11) }
```

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

```
.background{ background-color: rgb(242, 0,  
11) }
```

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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