

Converting Colors

YUV(86.8110, -42.7978,
147.5018)

Have a look what the booklet for
YUV(86.8110, -42.7978, 147.5018)
contains.

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Color

**YUV(86.8110, -42.7978,
147.5018)**

Conversions

Conversions Part 1

Format	Color
Hex	FF1200
RGB	255, 18, 0
RGB Percent	100%, 7%, 0%
CMY	0.0000, 0.9294, 1.0000
CMYK	0.00, 0.93, 1.00, 0.00
HSL	4°, 100%, 50%
HSV	4°, 100%, 100%
XYZ	41.4563, 21.6926, 2.0021
YIQ	86.8110, 147.0300, 44.6460

Conversions

Conversions Part 2

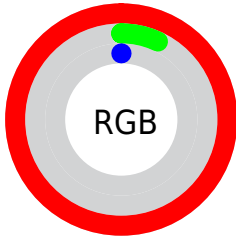
Format	Color
R_{YB}	255, 19, 0
Decimal	16716288
CIE Lab	53.70, 78.76, 67.38
CIE LCh	54, 103.651, 40.549
Yxy	21.6926, 0.6363, 0.3330
Android (android.graphics.Color)	4294906368 (0xFFFF1200)
YUV	86.8110, -42.7978, 147.5018
Hunter-Lab	46.5753, 77.3745, 30.0541

Details

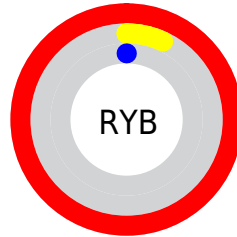
The YUV color **86.8110, -42.7978, 147.5018** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark saturated red. A complement of this color would be **168.1890, 42.7978, -147.5018**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.6710, -40.7568, 99.3895**, and **55.9130, -27.5651, 114.9633** is the 20% darker color. If you saturate the color by 10%, you get **86.8110, -42.7978, 147.5018**, and if you desaturate by 10%, it is **103.7490, -38.8233, 132.6471**.

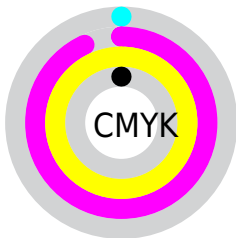
Distribution



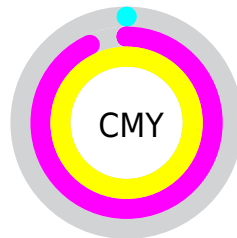
- Red (100%)
- Green (7%)
- Blue (0%)



- Red (100%)
- Yellow (7%)
- Blue (0%)



- Cyan (0%)
- Magenta (93%)
- Yellow (100%)
- Black (0%)





- Cyan (0%)
- Magenta (93%)
- Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YUV color 86.8110, -42.7978, 147.5018 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 86.8110, -42.7978, 147.5018 by changing the saturation by 10% instead.


 86.8110, -42.7978,
147.5018


 86.8110, -42.7978,
147.5018


 254.4300, -2.1840,
0.4999


 66.0790, -32.5769,
135.8657


 141.6710,
-40.7568, 99.3895

 55.9130, -27.5651,
114.9633


 162.8320,
-38.3712, 80.8313


 46.0460, -22.7007,
94.6757


 183.9930,
-35.9855, 62.2731

 36.2930, -17.3994,
74.2880

 204.5670,
-33.3105, 44.2297

 27.2520, -11.9562,
55.0300

 225.2550,
-30.1987, 26.0864


 17.8690, -7.8234,
36.0719


 246.6440,


 5.6810, -2.8007,


-26.9395, 7.3282


11.6808


 251.1240,
-14.8511, 3.3993

 0.0000, 0.0000,
0.0000


 86.8110, -42.7978,
147.5018

 103.7490,
-38.8233, 132.6471

 120.2140,
-34.1225, 118.2073

 137.2660,
-29.7111, 103.2527

 154.2040,
-25.7366, 88.3981

 171.2560,
-21.3252, 73.4435

■ 187.6070,
-17.0613, 59.1037

■ 204.6590,
-12.6499, 44.1491

■ 221.5970, -8.6753,
29.2944

■ 238.0620, -3.9746,
14.8546

Harmonies

Analogous

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



87.8730, 6.9646, 146.5704



86.8110, -42.7978, 147.5018



119.6850, -59.0047, 72.1903

Triad

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



86.8110, -42.7978, 147.5018



100.5150, -18.4949, -88.1517



105.9670, 73.4733, -92.9331

Complementary

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



86.8110, -42.7978, 147.5018



168.1890, 42.7978, -147.5018

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.



120.0550, 66.5279, -105.2882



86.8110, -42.7978, 147.5018



113.8070, 22.2801, -99.8087

Square

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



86.8110, -42.7978, 147.5018



89.2240, -43.9874, -78.2494



123.6110, 59.8448, -108.4068



125.3430, 63.9209, 31.2712

Rectangle

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



86.8110, -42.7978, 147.5018



120.3070, -59.3114, 30.4258



123.6110, 59.8448, -108.4068



112.4240, 70.2900, -98.5958

Sweetspot

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



86.8110, -42.7978, 147.5018



204.6590, -12.6499, 44.1491



103.3770, 66.3691, 132.9734



97.5150, -7.6489, 26.7353



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.



86.8110, -42.7978, 147.5018



161.3600, -79.5505, 82.1223



119.4740, -2.2057, 7.4773



64.7400, -31.9168, 110.7300



21.4840, -10.5916, 37.2865

Inverse Universe

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



168.1890, 42.7978, -147.5018



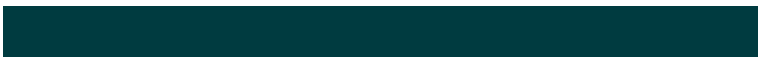
94.2270, 79.2611, -82.6371



123.5260, 2.2057, -7.4773



126.2600, 31.9168, -110.7300



41.9290, 10.8810, -36.7717

Previews

White Background



This preview shows how the YUV color 86.8110, -42.7978, 147.5018 looks on a white background.

Color Contrast Check

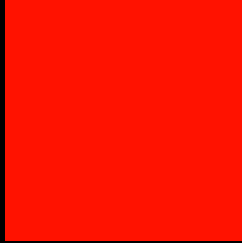
Large Text (above 18pt) WCAG AA ✓ Pass

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 86.8110, -42.7978, 147.5018 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 86.8110, -42.7978, 147.5018

Background



This preview shows how black text looks on a background with the YUV color 86.8110, -42.7978, 147.5018.



This preview shows how white text looks on a background with the YUV color 86.8110, -42.7978,

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

86.8110, -42.7978, 147.5018

Protanopia

122.8400, -44.2911, 19.4343

Deuteranopia

120.9380, -59.6224, 36.8884



Tritanopia

89.4470, -44.0974, 144.3130

Trichromacy



Original Color

86.8110, -42.7978, 147.5018

Protanomaly

109.9520, -43.8533, 65.8171

Deuteranomaly

108.4990, -53.4900, 76.7384

Tritanomaly

88.2730, -43.5186, 145.3426

Monochromacy



Original Color

86.8110, -42.7978, 147.5018

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.9160, -15.7346, 53.5707

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.8110, -42.7978, 147.5018 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(255, 18, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 18, 0)  
}
```

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(255, 18, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 18, 0) }
```

Border

The CSS property to change the border of an element to YUV 86.8110, -42.7978, 147.5018 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(255, 18, 0) }
```

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

```
.border{ border-color:rgb(255, 18, 0) }
```

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

Here you see how a box with a 4 pixel rgb(255, 18, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 18, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 18, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 18, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 86.8110, -42.7978, 147.5018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 18, 0) }
```

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

```
.background{ background-color: rgb(255, 18,  
0) }
```

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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