

Converting Colors

YUV(86.7790, -7.2860,
144.0218)

Have a look what the booklet for
YUV(86.7790, -7.2860, 144.0218)
contains.

YUV(86.7790, -7.2860, 144.0218)	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(86.7790, -7.2860,
144.0218)**

Conversions

Conversions Part 1

Format	Color
Hex	FB0648
RGB	251, 6, 72
RGB Percent	98%, 2%, 28%
CMY	0.0157, 0.9765, 0.7176
CMYK	0.00, 0.98, 0.71, 0.02
HSL	344°, 97%, 50%
HSV	344°, 98%, 98%
XYZ	41.0185, 21.1074, 8.0431
YIQ	86.7790, 124.8340, 72.4660

Conversions

Conversions Part 2

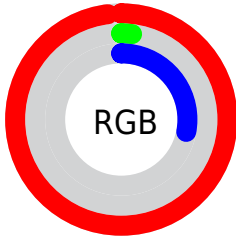
Format	Color
RYB	251, 6, 72
Decimal	16451144
CIELab	53.07, 80.15, 35.16
CIELCh	53, 87.521, 23.689
Yxy	21.1074, 0.5846, 0.3008
Android (android.graphics.Color)	4294641224 (0xFFFB0648)
YUV	86.7790, -7.2860, 144.0218
Hunter-Lab	45.9427, 78.9681, 21.7801

Details

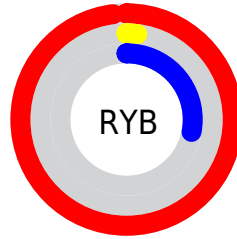
The YUV color **86.7790, -7.2860, 144.0218** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **170.2210, 7.2860, -144.0218**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.4510, -13.5333, 94.3205**, and **58.6210, -14.6032, 110.8344** is the 20% darker color. If you saturate the color by 10%, you get **82.8010, -7.2969, 147.5105**, and if you desaturate by 10%, it is **103.5060, -6.6585, 129.3522**.

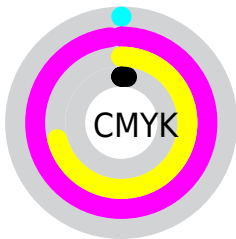
Distribution



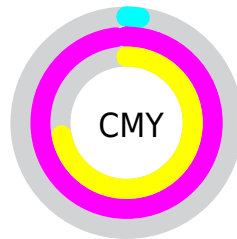
- Red (98%)
- Green (2%)
- Blue (28%)



- Red (98%)
- Yellow (2%)
- Blue (28%)



- Cyan (0%)
- Magenta (98%)
- Yellow (71%)
- Black (2%)





- Cyan (2%)
- Magenta (98%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the YUV color 86.7790, -7.2860, 144.0218 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 86.7790, -7.2860, 144.0218 by changing the saturation by 10% instead.


 86.7790, -7.2860,
144.0218


 86.7790, -7.2860,
144.0218


255.0000, 0.0000,
0.0000

 70.8820, -10.2948,
129.0225


 147.4510,
-13.5333, 94.3205


 58.6210, -14.6032,
110.8344


 169.1990,
-11.4371, 75.2475


 46.5450, -19.4957,
93.3610


 189.7730, -8.7621,
57.2041

 36.1080, -16.8152,
73.5733

 210.5750, -5.2135,
38.9607

 27.0670, -11.3720,
54.3152

 231.9640, -1.9543,
20.2026

 17.5700, -7.6760,
35.4571

 252.6520, 1.1576,

 5.0830, -2.5059,

2.0592

10.4512

■ 0.0000, 0.0000,
0.0000

■ 86.7790, -7.2860,
144.0218

■ 86.7790, -7.2860,
144.0218

■ 82.8010, -7.2969,
147.5105

■ 103.5060, -6.6585,
129.3522

■ 120.3470, -5.5941,
114.5827

■ 137.0740, -4.9665,
99.9131

■ 153.8010, -4.3389,
85.2435

■ 171.2290, -3.5639,
69.9592

■ 187.9560, -2.9363,
55.2896

■ 204.6830, -2.3087,
40.6200

■ 221.5240, -1.2443,
25.8505

■ 238.2510, -0.6167,
11.1809

Harmonies

Analogous

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



90.4970, 27.3630, 137.2531



86.7790, -7.2860, 144.0218



113.6260, -56.0176, 94.1670

Triad

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



86.7790, -7.2860, 144.0218



90.5750, -36.2725, -79.4343



112.4240, 70.2900, -98.5958

Complementary

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



86.7790, -7.2860, 144.0218



170.2210, 7.2860, -144.0218

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.



118.7840, 64.1965, -104.1736



86.7790, -7.2860, 144.0218



103.8840, 2.0292, -91.1063

Square

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



86.7790, -7.2860, 144.0218



110.8840, -54.6658, -13.0533



113.9500, 35.5207, -99.9341



114.5260, 69.2537, -46.0653

Rectangle

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



86.7790, -7.2860, 144.0218



119.3090, -58.8193, 59.3650



113.9500, 35.5207, -99.9341



115.3590, 68.8430, -101.1698

Sweetspot

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



86.7790, -7.2860, 144.0218



205.4060, -2.1722, 43.4939



86.5540, 81.0719, 83.7061



97.8230, -1.3917, 26.4652



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.



86.7790, -7.2860, 144.0218



84.1110, -7.4497, 149.8697



110.3660, -51.4524, 123.3360



116.3430, -0.1691, 7.5922



62.3250, -5.5832, 111.0940



20.0630, -2.0031, 35.9017

Inverse Universe

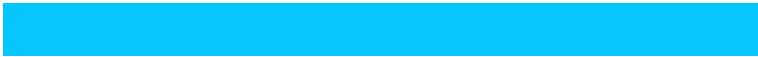
The Inverse Universe completely reimagines the original color for something new.



86.7790, -7.2860, 144.0218



84.1110, -7.4497, 149.8697



146.6340, 51.4524, -123.3360



116.3430, -0.1691, 7.5922



62.3250, -5.5832, 111.0940



20.0630, -2.0031, 35.9017

Previews

White Background



This preview shows how the YUV color 86.7790, -7.2860, 144.0218 looks on a white background.

Color Contrast Check

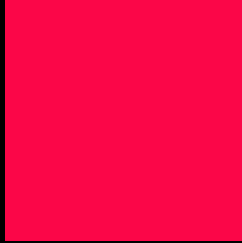
Large Text (above 18pt) WCAG AA ✓ Pass

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 86.7790, -7.2860, 144.0218 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 86.7790, -7.2860, 144.0218

Background



This preview shows how black text looks on a background with the YUV color 86.7790, -7.2860, 144.0218.



This preview shows how white text looks on a background with the YUV color 86.7790, -7.2860,

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

86.7790, -7.2860, 144.0218

Protanopia

127.6990, -10.2046, 6.4030

Deuteranopia

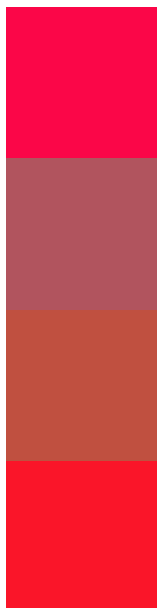
125.5820, -32.8249, 28.4306



Tritanopia

94.9820, -35.4871, 135.9508

Trichromacy



Original Color

86.7790, -7.2860, 144.0218

Protanomaly

112.9470, -9.3409, 56.1745

Deuteranomaly

111.6640, -23.4984, 70.4547

Tritanomaly

91.7510, -25.0202, 138.7844

Monochromacy



Original Color

86.7790, -7.2860, 144.0218

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.3470, -2.6361, 52.3157

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.7790, -7.2860, 144.0218 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(251, 6, 72)` looks like.

```
.text, #text, p{  
    color:rgb(251, 6, 72)  
}
```

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(251, 6, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 6, 72) }
```

Border

The CSS property to change the border of an element to YUV 86.7790, -7.2860, 144.0218 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(251, 6, 72) }
```


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

```
.border{ border-color:rgb(251, 6, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 6, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 6, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 6, 72);  
box-shadow:4px 4px 4px 4px rgb(251, 6, 72)  
}
```

Background

The CSS property to change the background color of an element to YUV 86.7790, -7.2860, 144.0218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 6, 72) }
```

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

```
.background{ background-color: rgb(251, 6,  
72) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor