

Converting Colors

YUV(88.7560, -42.7707,
138.7800)

Have a look what the booklet for
YUV(88.7560, -42.7707, 138.7800)
contains.

YUV(88.7560, -42.7707, 138.7800)	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(88.7560, -42.7707,
138.7800)**

Conversions

Conversions Part 1

Format	Color
Hex	F71902
RGB	247, 25, 2
RGB Percent	97%, 10%, 1%
CMY	0.0314, 0.9020, 0.9922
CMYK	0.00, 0.90, 0.99, 0.03
HSL	6°, 98%, 49%
HSV	6°, 99%, 97%
XYZ	38.7164, 20.4738, 1.9687
YIQ	88.7560, 139.6950, 39.9110

Conversions

Conversions Part 2

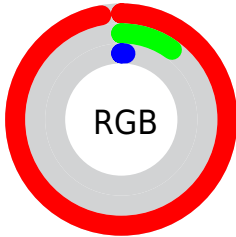
Format	Color
RYB	247, 27, 2
Decimal	16193794
CIELab	52.37, 75.95, 65.38
CIELCh	52, 100.217, 40.725
Yxy	20.4738, 0.6330, 0.3348
Android (android.graphics.Color)	4294383874 (0xFFFF71902)
YUV	88.7560, -42.7707, 138.7800
Hunter-Lab	45.2480, 73.5492, 29.0939

Details

The YUV color **88.7560, -42.7707, 138.7800** 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 **160.2440, 42.7707, -138.7800**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.3720, -40.6094, 98.7748**, and **53.8200, -26.5333, 110.6599** is the 20% darker color. If you saturate the color by 10%, you get **87.3540, -43.0655, 140.0095**, and if you desaturate by 10%, it is **104.5200, -38.2174, 124.9550**.

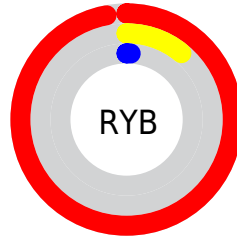
Distribution



Red (97%)

Green (10%)

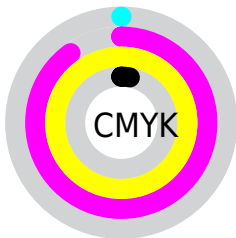
Blue (1%)



Red (97%)

Yellow (11%)

Blue (1%)

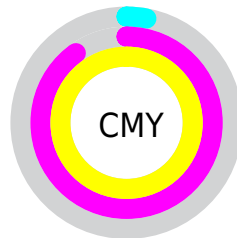


Cyan (0%)

Magenta (90%)

Yellow (99%)

Black (3%)



Cyan (3%)


Magenta (90%)


Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.7560, -42.7707, 138.7800 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 88.7560, -42.7707, 138.7800 by changing the saturation by 10% instead.


 88.7560, -42.7707,
138.7800


 88.7560, -42.7707,
138.7800


 254.4300, -2.1840,
0.4999


 63.6870, -31.3977,
130.9475


 142.3720,
-40.6094, 98.7748

 53.8200, -26.5333,
110.6599


 163.4190,
-38.6606, 80.3165


 43.9530, -21.6688,
90.3722


 183.9930,
-35.9855, 62.2731

 34.2000, -16.3676,
69.9846

 204.6810,
-32.8737, 44.1298

 25.4580, -11.0718,
51.3413

 225.3690,
-29.7619, 25.9864


 15.7760, -6.7916,
31.7684


 246.0570,


 0.0000, 0.0000,


-26.6501, 7.8430


0.0000


 251.1240,
-14.8511, 3.3993


 88.7560, -42.7707,
138.7800


 88.7560, -42.7707,
138.7800

 87.3540, -43.0655,
140.0095

 104.5200,
-38.2174, 124.9550

 120.7570,
-34.3902, 110.7151

 136.5210,
-29.8369, 96.8901

 152.8720,
-25.5729, 82.5503

 168.6360,
-21.0195, 68.7252

■ 184.2860,
-16.9030, 55.0002

■ 200.6370,
-12.6390, 40.6604

■ 216.4010, -8.0857,
26.8353

■ 232.0510, -3.9691,
13.1103

Harmonies

Analogous

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



87.5310, 5.6542, 146.8703



88.7560, -42.7707, 138.7800



116.7170, -57.5415, 69.5312

Triad

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



88.7560, -42.7707, 138.7800



98.1670, -17.3373, -86.0925



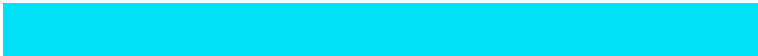
104.2060, 74.3414, -91.3887

Complementary

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



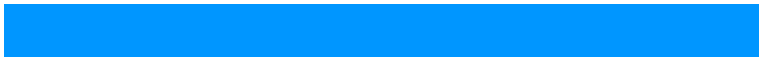
88.7560, -42.7707, 138.7800



160.2440, 42.7707, -138.7800

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.



117.1200, 67.9748, -102.7142



88.7560, -42.7707, 138.7800



110.4160, 21.9799, -96.8348

Square

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



88.7560, -42.7707, 138.7800



86.8760, -42.8299, -76.1903



119.7640, 57.7973, -105.0330



123.2720, 64.9419, 30.4565

Rectangle

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



88.7560, -42.7707, 138.7800



117.3500, -57.8535, 29.5111



119.7640, 57.7973, -105.0330



109.4890, 71.7369, -96.0219

Sweetspot

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



88.7560, -42.7707, 138.7800



205.8330, -13.2287, 43.1195



100.9050, 62.1648, 128.1253



98.1020, -7.9383, 26.2205



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.



88.7560, -42.7707, 138.7800



90.3330, -44.5342, 144.4130



159.1960, -77.4976, 77.0041



114.1750, -2.0583, 6.8625



65.5930, -32.3373, 105.5969



21.1630, -10.4334, 33.1830

Inverse Universe

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



160.2440, 42.7707, -138.7800



164.6670, 44.5342, -144.4130



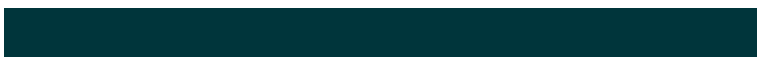
89.8040, 77.4976, -77.0041



117.8250, 2.0583, -6.8625



120.4070, 32.3373, -105.5969



37.8370, 10.4334, -33.1830

Previews

White Background



This preview shows how the YUV color 88.7560, -42.7707, 138.7800 looks on a white background.

Color Contrast Check

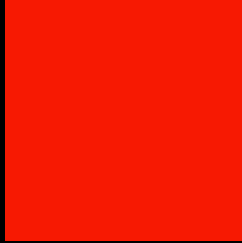
Large Text (above 18pt) WCAG AA ✓ Pass

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 88.7560, -42.7707, 138.7800 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 88.7560, -42.7707, 138.7800

Background



This preview shows how black text looks on a background with the YUV color 88.7560, -42.7707, 138.7800.



This preview shows how white text looks on a background with the YUV color 88.7560, -42.7707,

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

88.7560, -42.7707, 138.7800

Protanopia

119.6550, -43.7069, 18.7196

Deuteranopia

117.0950, -57.7278, 35.8737



Tritanopia

90.1240, -37.5291, 137.5803

Trichromacy



Original Color

88.7560, -42.7707, 138.7800

Protanomaly

108.3430, -43.5531, 62.8432

Deuteranomaly

106.8190, -52.1688, 72.9497

Tritanomaly

89.6680, -39.2763, 137.9802

Monochromacy



Original Color

88.7560, -42.7707, 138.7800

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.8940, -15.7237, 50.0820

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.7560, -42.7707, 138.7800 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(247, 25, 2)` looks like.

```
.text, #text, p{  
    color:rgb(247, 25, 2)  
}
```

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(247, 25, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 25, 2) }
```

Border

The CSS property to change the border of an element to YUV 88.7560, -42.7707, 138.7800 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(247, 25, 2) }
```


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

```
.border{ border-color:rgb(247, 25, 2) }
```

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

Here you see how a box with a 4 pixel rgb(247, 25, 2) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 25, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 25, 2);  
box-shadow:4px 4px 4px 4px rgb(247, 25, 2)  
}
```

Background

The CSS property to change the background color of an element to YUV 88.7560, -42.7707, 138.7800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 25, 2) }
```

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

```
.background{ background-color: rgb(247, 25,  
2) }
```

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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