

Converting Colors

YUV(88.3660, -27.7884,
139.9990)

Have a look what the booklet for
YUV(88.3660, -27.7884, 139.9990)
contains.

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Color

**YUV(88.3660, -27.7884,
139.9990)**

Conversions

Conversions Part 1

Format	Color
Hex	F81220
RGB	248, 18, 32
RGB Percent	97%, 7%, 13%
CMY	0.0275, 0.9294, 0.8745
CMYK	0.00, 0.93, 0.87, 0.03
HSL	356°, 94%, 52%
HSV	356°, 93%, 97%
XYZ	39.1884, 20.4934, 3.2567
YIQ	88.3660, 132.5860, 53.1140

Conversions

Conversions Part 2

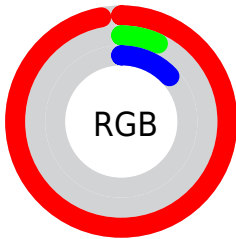
Format	Color
R_{YB}	248, 18, 32
Decimal	16257568
CIE _{Lab}	52.39, 77.36, 55.83
CIE _{LCh}	52, 95.401, 35.820
Yxy	20.4934, 0.6226, 0.3256
Android (android.graphics.Color)	4294447648 (0xFFFF81220)
YUV	88.3660, -27.7884, 139.9990
Hunter-Lab	45.2696, 75.2999, 27.4234

Details

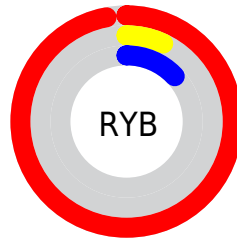
The YUV color **88.3660, -27.7884, 139.9990** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **177.6340, 27.7884, -139.9990**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.4780, -31.2947, 97.8048**, and **54.1190, -26.6807, 111.2746** is the 20% darker color. If you saturate the color by 10%, you get **75.8620, -30.0050, 150.9650**, and if you desaturate by 10%, it is **105.6630, -24.9769, 124.8295**.

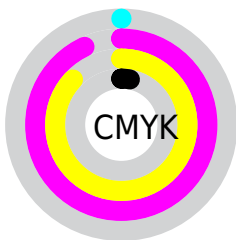
Distribution



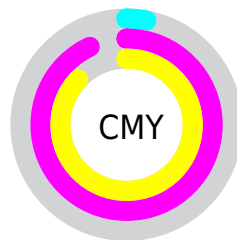
- Red (97%)
- Green (7%)
- Blue (13%)



- Red (97%)
- Yellow (7%)
- Blue (13%)



- Cyan (0%)
- Magenta (93%)
- Yellow (87%)
- Black (3%)





- Cyan (3%)
- Magenta (93%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the YUV color 88.3660, -27.7884, 139.9990 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 88.3660, -27.7884, 139.9990 by changing the saturation by 10% instead.


 88.3660, -27.7884,
139.9990

 88.3660, -27.7884,
139.9990


255.0000, 0.0000,
0.0000


 64.7840, -28.4875,
130.8624


 143.4780,
-31.2947, 97.8048


 54.1190, -26.6807,
111.2746


 164.5250,
-29.3458, 79.3466

 44.2520, -21.8162,
90.9870


 185.0990,
-26.6708, 61.3032

 34.7980, -16.6624,
71.2142

 205.6730,
-23.9958, 43.2598

 25.8710, -10.7824,
51.8561

 226.9480,
-21.1734, 24.6016


 16.0750, -6.9390,
32.3832

 247.7500,


 1.1960, -0.5896,


-17.6247, 6.3582


2.4591

 253.4040, -6.1152,
1.3997


 0.0000, 0.0000,
0.0000

 88.3660, -27.7884,
139.9990


 88.3660, -27.7884,
139.9990

 75.8620, -30.0050,
150.9650

 105.6630,
-24.9769, 124.8295

 123.0740,
-21.7285, 109.5601

 139.7840,
-18.6275, 94.9054

 157.0810,
-15.8159, 79.7360

 174.3780,
-13.0044, 64.5665

■ 191.7890, -9.7560,
49.2970

■ 209.0860, -6.9444,
34.1276

■ 225.7960, -3.8434,
19.4729

■ 243.2070, -0.5951,
4.2035

Harmonies

Analogous

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



89.1270, 11.7694, 145.4706



88.3660, -27.7884, 139.9990



115.5870, -56.9844, 77.5382

Triad

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



88.3660, -27.7884, 139.9990



96.0980, -22.7263, -84.2779



106.5540, 73.1839, -93.4479

Complementary

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



88.3660, -27.7884, 139.9990



177.6340, 27.7884, -139.9990

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.



117.7070, 67.6854, -103.2290



88.3660, -27.7884, 139.9990



108.1190, 15.7173, -94.8204

Square

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



88.3660, -27.7884, 139.9990



95.5800, -47.1209, -53.1287



117.2390, 50.6612, -102.8186



124.0260, 64.5702, 9.6242

Rectangle

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



88.3660, -27.7884, 139.9990



117.7040, -58.0281, 38.8476



117.2390, 50.6612, -102.8186



111.2500, 70.8688, -97.5662

Sweetspot

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



88.3660, -27.7884, 139.9990



205.6850, -8.7187, 43.2493



108.5050, 68.7710, 109.1821



97.4980, -5.1755, 26.7503



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.



88.3660, -27.7884, 139.9990



78.0690, -30.6000, 155.1685



145.4700, -62.8427, 89.9188



116.0010, -1.4795, 7.8921



57.7650, -23.0551, 115.0931



18.6950, -7.2446, 37.1015

Inverse Universe

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



88.3660, -27.7884, 139.9990



78.0690, -30.6000, 155.1685



120.5300, 62.8427, -89.9188



116.0010, -1.4795, 7.8921



57.7650, -23.0551, 115.0931



18.6950, -7.2446, 37.1015

Previews

White Background



This preview shows how the YUV color 88.3660, -27.7884, 139.9990 looks on a white background.

Color Contrast Check

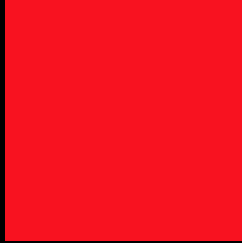
Large Text (above 18pt) WCAG AA ✓ Pass

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 88.3660, -27.7884, 139.9990 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 88.3660, -27.7884, 139.9990

Background



This preview shows how black text looks on a background with the YUV color 88.3660, -27.7884, 139.9990.



This preview shows how white text looks on a background with the YUV color 88.3660, -27.7884,

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

88.3660, -27.7884, 139.9990

Protanopia

121.9780, -33.5132, 15.8053

Deuteranopia

117.3940, -57.8752, 36.4885



Tritanopia

87.5220, -41.1763, 140.7392

Trichromacy



Original Color

88.3660, -27.7884, 139.9990

Protanomaly

109.8340, -31.4702, 60.6586

Deuteranomaly

106.6110, -46.6432, 74.0092

Tritanomaly

88.0750, -36.5190, 140.2542

Monochromacy



Original Color

88.3660, -27.7884, 139.9990

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.3870, -10.0508, 50.5266

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.3660, -27.7884, 139.9990 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(248, 18, 32)` looks like.

```
.text, #text, p{  
    color:rgb(248, 18, 32)  
}
```

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(248, 18, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 18, 32) }
```

Border

The CSS property to change the border of an element to YUV 88.3660, -27.7884, 139.9990 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(248, 18, 32) }
```


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

```
.border{ border-color:rgb(248, 18, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 18, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 18, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 18, 32);  
box-shadow:4px 4px 4px 4px rgb(248, 18,  
32) }
```

Background

The CSS property to change the background color of an element to YUV 88.3660, -27.7884, 139.9990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 18, 32) }
```

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

```
.background{ background-color: rgb(248, 18,  
32) }
```

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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