

Converting Colors

YUV(90.2120, -41.0235,
138.3801)

Have a look what the booklet for
YUV(90.2120, -41.0235, 138.3801)
contains.

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Color

**YUV(90.2120, -41.0235,
138.3801)**

Conversions

Conversions Part 1

Format	Color
Hex	F81A07
RGB	248, 26, 7
RGB Percent	97%, 10%, 3%
CMY	0.0275, 0.8980, 0.9725
CMYK	0.00, 0.90, 0.97, 0.03
HSL	5°, 95%, 50%
HSV	5°, 97%, 97%
XYZ	39.1191, 20.7106, 2.1367
YIQ	90.2120, 138.4110, 41.1550

Conversions

Conversions Part 2

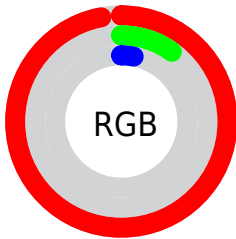
Format	Color
RYB	248, 28, 7
Decimal	16259591
CIELab	52.63, 76.10, 64.38
CIELCh	53, 99.681, 40.233
Yxy	20.7106, 0.6313, 0.3342
Android (android.graphics.Color)	4294449671 (0xFFFF81A07)
YUV	90.2120, -41.0235, 138.3801
Hunter-Lab	45.5089, 73.7969, 29.0724

Details

The YUV color **90.2120, -41.0235, 138.3801** 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 **164.7880, 41.0235, -138.3801**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.3010, -39.5884, 97.9600**, and **54.1190, -26.6807, 111.2746** is the 20% darker color. If you saturate the color by 10%, you get **85.8920, -42.3448, 142.1687**, and if you desaturate by 10%, it is **106.5630, -36.7596, 124.0402**.

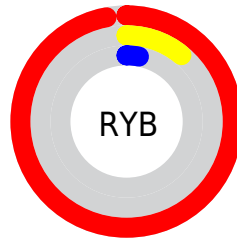
Distribution



Red (97%)

Green (10%)

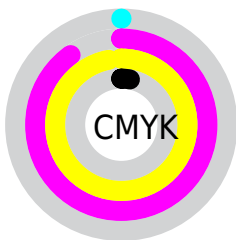
Blue (3%)



Red (97%)

Yellow (11%)

Blue (3%)

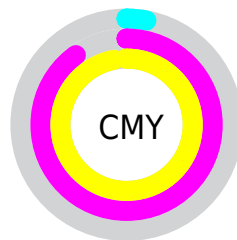


Cyan (0%)

Magenta (90%)

Yellow (97%)

Black (3%)



Cyan (3%)


Magenta (90%)


Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the YUV color 90.2120, -41.0235, 138.3801 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 90.2120, -41.0235, 138.3801 by changing the saturation by 10% instead.


 90.2120, -41.0235,
138.3801


 90.2120, -41.0235,
138.3801


254.7720, -0.8736,
0.2000


 63.9860, -31.5451,
131.5623


 143.3010,
-39.5884, 97.9600


 54.1190, -26.6807,
111.2746


 163.7610,
-37.3502, 80.0166


 44.2520, -21.8162,
90.9870


 184.3350,
-34.6752, 61.9732

 34.4990, -16.5150,
70.5994

 204.9090,
-32.0001, 43.9298

 25.7570, -11.2192,
51.9561

 225.5970,
-28.8883, 25.7864


 16.0750, -6.9390,
32.3832

 246.9860,


 0.8970, -0.4422,


-25.6291, 7.0283


1.8443

 251.4660,
-13.5407, 3.0993


 0.0000, 0.0000,
0.0000


 90.2120, -41.0235,
138.3801


 90.2120, -41.0235,
138.3801


 85.8920, -42.3448,
142.1687

 106.5630,
-36.7596, 124.0402

 122.9140,
-32.4956, 109.7004

 139.1510,
-28.6684, 95.4606

 154.9150,
-24.1151, 81.6355

 171.2660,
-19.8511, 67.2957

■ 187.6170,
-15.5872, 52.9559

■ 203.9680,
-11.3232, 38.6161

■ 220.2050, -7.4961,
24.3762

■ 236.5560, -3.2321,
10.0364

Harmonies

Analogous

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



87.7590, 6.5278, 146.6704



90.2120, -41.0235, 138.3801



117.3150, -57.8363, 70.7607

Triad

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



90.2120, -41.0235, 138.3801



98.6400, -18.0635, -86.5073



104.7930, 74.0521, -91.9035

Complementary

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



90.2120, -41.0235, 138.3801



164.7880, 41.0235, -138.3801

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



90.2120, -41.0235, 138.3801



110.8890, 21.2537, -97.2497

Square

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



90.2120, -41.0235, 138.3801



86.8760, -42.8299, -76.1903



120.2370, 57.0712, -105.4478



124.4350, 64.3685, 27.6825

Rectangle

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



90.2120, -41.0235, 138.3801



117.9480, -58.1484, 30.7406



120.2370, 57.0712, -105.4478



110.0760, 71.4475, -96.5367

Sweetspot

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



90.2120, -41.0235, 138.3801



206.6480, -12.6445, 42.4047



104.7090, 62.7545, 125.6662



98.2160, -7.5015, 26.1206



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.



90.2120, -41.0235, 138.3801



87.9850, -43.3766, 146.4722



159.4780, -75.1717, 77.6338



116.4740, -2.2057, 7.4773



65.3160, -32.2008, 108.4709



21.1740, -10.4388, 34.9274

Inverse Universe

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



164.7880, 41.0235, -138.3801



167.0150, 43.3766, -146.4722



95.5220, 75.1717, -77.6338



120.5260, 2.2057, -7.4773



123.6840, 32.2008, -108.4709



39.8260, 10.4388, -34.9274

Previews

White Background



This preview shows how the YUV color 90.2120, -41.0235, 138.3801 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 90.2120, -41.0235, 138.3801 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 90.2120, -41.0235, 138.3801

Background



This preview shows how black text looks on a background with the YUV color 90.2120, -41.0235, 138.3801.



This preview shows how white text looks on a background with the YUV color 90.2120, -41.0235,

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

90.2120, -41.0235, 138.3801

Protanopia

120.7690, -43.2701, 18.6196

Tritanopia

90.6510, -36.8029, 137.9951

Trichromacy



Original Color

90.2120, -41.0235, 138.3801

Protanomaly

109.6850, -42.2427, 62.5433

Tritanomaly

90.3090, -38.1133, 138.2950

Monochromacy



Original Color

90.2120, -41.0235, 138.3801

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.1220, -14.8501, 49.8820

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.2120, -41.0235, 138.3801 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, 26, 7)` looks like.

```
.text, #text, p{  
    color:rgb(248, 26, 7)  
}
```

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, 26, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 26, 7) }
```

Border

The CSS property to change the border of an element to YUV 90.2120, -41.0235, 138.3801 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, 26, 7) }
```

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

```
.border{ border-color:rgb(248, 26, 7) }
```

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

Here you see how a box with a 4 pixel rgb(248, 26, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 26, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 26, 7);  
box-shadow:4px 4px 4px 4px rgb(248, 26, 7)  
}
```


Background

The CSS property to change the background color of an element to YUV 90.2120, -41.0235, 138.3801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 26, 7) }
```

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

```
.background{ background-color: rgb(248, 26,  
7) }
```

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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