

# Converting Colors

YUV(92.0420, -36.5027,  
135.0212)

Have a look what the booklet for  
YUV(92.0420, -36.5027, 135.0212)  
contains.

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# Color

**YUV(92.0420, -36.5027,  
135.0212)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F61C12
RGB	246, 28, 18
RGB Percent	96%, 11%, 7%
CMY	0.0353, 0.8902, 0.9294
CMYK	0.00, 0.89, 0.93, 0.04
HSL	3°, 93%, 52%
HSV	3°, 93%, 96%
XYZ	38.5305, 20.4670, 2.4920
YIQ	92.0420, 133.1380, 43.1060

# Conversions

## Conversions Part 2

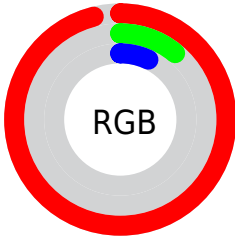
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">246, 28, 18</a>
Decimal	<a href="#">16129042</a>
CIELab	<a href="#">52.36, 75.39, 61.08</a>
CIElCh	<a href="#">52, 97.027, 39.015</a>
Yxy	<a href="#">20.4670, 0.6266, 0.3329</a>
Android (android.graphics.Color)	<a href="#">4294319122 (0xFFFF61C12)</a>
YUV	<a href="#">92.0420, -36.5027, 135.0212</a>
Hunter-Lab	<a href="#">45.2405, 72.8543, 28.4024</a>

# Details

The YUV color **92.0420, -36.5027, 135.0212** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark washed red. A complement of this color would be **171.9580, 36.5027, -135.0212**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.9850, -36.9676, 97.3602**, and **53.5210, -26.3859, 110.0451** is the 20% darker color. If you saturate the color by 10%, you get **80.0110, -39.4454, 145.5724**, and if you desaturate by 10%, it is **108.9800, -32.5281, 120.1665**.

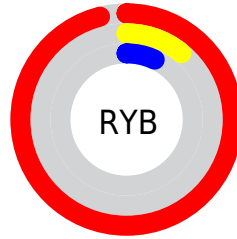
# Distribution



Red (96%)

Green (11%)

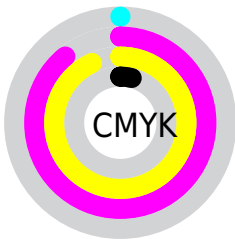
Blue (7%)



Red (96%)

Yellow (11%)

Blue (7%)

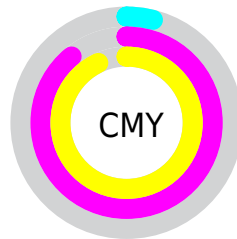


Cyan (0%)

Magenta (89%)

Yellow (93%)

Black (4%)



Cyan (4%)

Magenta (89%)


Yellow (93%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 92.0420, -36.5027, 135.0212 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 92.0420, -36.5027, 135.0212 by changing the saturation by 10% instead.





 92.0420, -36.5027,  
135.0212

 92.0420, -36.5027,  
135.0212


255.0000, 0.0000,  
0.0000

 63.3880, -31.2503,  
130.3327


 143.9850,  
-36.9676, 97.3602


 53.5210, -26.3859,  
110.0451


 165.0320,  
-35.0188, 78.9019


 43.6540, -21.5214,  
89.7574


 185.6060,  
-32.3438, 60.8585

 34.2000, -16.3676,  
69.9846

 205.5930,  
-29.3793, 43.3299

 25.1590, -10.9244,  
50.7266

 226.9820,  
-26.1201, 24.5718


 15.7760, -6.7916,  
31.7684


 247.6700,


 0.0000, 0.0000,


-23.0083, 6.4284


0.0000


 252.1500,  
-10.9200, 2.4994


 92.0420, -36.5027,  
135.0212


 92.0420, -36.5027,  
135.0212


 80.0110, -39.4454,  
145.5724

 108.9800,  
-32.5281, 120.1665

 125.2170,  
-28.7010, 105.9267

 142.1550,  
-24.7264, 91.0721

 158.3920,  
-20.8993, 76.8322

 175.3300,  
-16.9247, 61.9776

191.6810,  
-12.6607, 47.6378

208.5050, -9.1230,  
32.8831

224.8560, -4.8590,  
18.5433

241.6800, -1.3212,  
3.7886

# Harmonies

## Analogous

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



88.1010, 7.8382, 146.3704



92.0420, -36.5027, 135.0212



116.1410, -57.2575, 71.7903

# Triad

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



92.0420, -36.5027, 135.0212



97.1240, -18.7951, -85.1777



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.



92.0420, -36.5027, 135.0212



171.9580, 36.5027, -135.0212

# 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



92.0420, -36.5027, 135.0212



109.1450, 19.6485, -95.7202

# Square

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



92.0420, -36.5027, 135.0212



86.2890, -42.5405, -75.6755



118.2650, 54.5924, -103.7184



124.4020, 64.3848, 22.4494



# Rectangle

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



92.0420, -36.5027, 135.0212



117.3720, -57.8644, 32.9998



118.2650, 54.5924, -103.7184



110.0760, 71.4475, -96.5367

# Sweetspot

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



92.0420, -36.5027, 135.0212



206.9900, -11.3341, 42.1048



111.2520, 62.4868, 118.1740



98.3300, -7.0647, 26.0206



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.



92.0420, -36.5027, 135.0212



82.7020, -40.7721, 151.1053



157.7860, -68.9145, 77.3637



114.1750, -2.0583, 6.8625



60.3100, -29.7328, 110.2301



19.4020, -9.5652, 34.7274



# Inverse Universe

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



171.9580, 36.5027, -135.0212



172.2980, 40.7721, -151.1053



106.2140, 68.9145, -77.3637



118.4120, 1.7689, -7.3773



125.6900, 29.7328, -110.2301



39.5980, 9.5652, -34.7274



# Previews

## White Background



This preview shows how the YUV color 92.0420, -36.5027, 135.0212 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

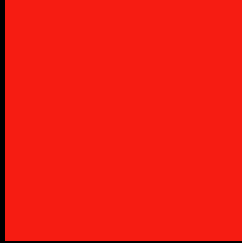
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 92.0420, -36.5027, 135.0212 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 92.0420, -36.5027, 135.0212

## Background



This preview shows how black text looks on a background with the YUV color 92.0420, -36.5027, 135.0212.



This preview shows how white text looks on a background with the YUV color 92.0420, -36.5027,



# 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

92.0420, -36.5027, 135.0212

### Protanopia

120.5670, -40.2125, 17.9197

### Deuteranopia

117.0950, -57.7278, 35.8737



## Tritanopia

92.2700, -35.6291, 134.8212

# Trichromacy



## Original Color

92.0420, -36.5027, 135.0212

## Protanomaly

109.8850, -38.8903, 60.6139

## Deuteranomaly

108.0900, -49.8374, 71.8351

## Tritanomaly

92.1560, -36.0659, 134.9212

# Monochromacy



## Original Color

92.0420, -36.5027, 135.0212

## Achromatopsia

92.0000, 0.0000, 0.0000

## Achromatomaly

92.1650, -13.3923, 48.9673

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 92.0420, -36.5027, 135.0212 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(246, 28, 18)` looks like.

```
.text, #text, p{  
    color:rgb(246, 28, 18)  
}
```

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(246, 28, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 28, 18) }
```

## Border

The CSS property to change the border of an element to YUV 92.0420, -36.5027, 135.0212 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(246, 28, 18) }
```



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

```
.border{ border-color:rgb(246, 28, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 28, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 28, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 28, 18);  
box-shadow:4px 4px 4px 4px rgb(246, 28,  
18) }
```

# Background

The CSS property to change the background color of an element to YUV 92.0420, -36.5027, 135.0212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 28, 18) }
```

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

```
.background{ background-color: rgb(246, 28,  
18) }
```

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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