

# Converting Colors

YUV(106.0420, -43.4047,  
108.7112)

Have a look what the booklet for  
YUV(106.0420, -43.4047, 108.7112)  
contains.

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# Color

**YUV(106.0420, -43.4047,  
108.7112)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E63C12
RGB	230, 60, 18
RGB Percent	90%, 24%, 7%
CMY	0.0980, 0.7647, 0.9294
CMYK	0.00, 0.74, 0.92, 0.10
HSL	12°, 85%, 49%
HSV	12°, 92%, 90%
XYZ	34.3582, 20.0984, 2.6408
YIQ	106.0420, 114.8020, 22.9780

# Conversions

## Conversions Part 2

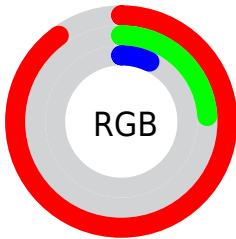
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	230, 70, 18
Decimal	15088658
CIE <sub>Lab</sub>	51.95, 63.30, 59.26
CIE <sub>LCh</sub>	52, 86.708, 43.113
Yxy	20.0984, 0.6017, 0.3520
Android (android.graphics.Color)	4293278738 (0xFFE63C12)
YUV	106.0420, -43.4047, 108.7112
Hunter-Lab	44.8312, 58.3458, 27.8894

# Details

The YUV color **106.0420, -43.4047, 108.7112** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **141.9580, 43.4047, -108.7112**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.0780, -41.4505, 88.5086**, and **49.3350, -24.3222, 101.4382** is the 20% darker color. If you saturate the color by 10%, you get **95.7720, -47.2156, 117.7180**, and if you desaturate by 10%, it is **119.2300, -38.5674, 97.1453**.

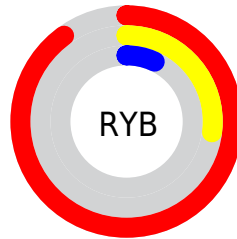
# Distribution



Red (90%)

Green (24%)

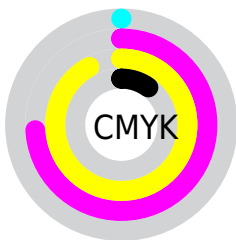
Blue (7%)



Red (90%)

Yellow (27%)

Blue (7%)

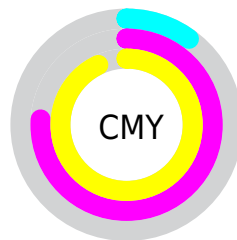


Cyan (0%)

Magenta (74%)

Yellow (92%)

Black (10%)



Cyan (10%)

Magenta (76%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 106.0420, -43.4047, 108.7112 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 106.0420, -43.4047, 108.7112 by changing the saturation by 10% instead.



106.0420,  
-43.4047, 108.7112

106.0420,  
-43.4047, 108.7112

255.0000, 0.0000,  
0.0000

71.8170, -35.4058,  
109.7855

154.0780,  
-41.4505, 88.5086

49.3350, -24.3222,  
101.4382

173.3640,  
-38.6335, 71.5948

39.7670, -19.6051,  
81.7653

193.3510,  
-35.6690, 54.0662

30.1990, -14.8881,  
62.0925

213.4520,  
-32.2678, 36.4376

21.7560, -9.7397,  
44.0640

234.1400,  
-29.1560, 18.2942


12.3730, -5.6069,  
25.1059

249.0720,

0.0000, 0.0000,


-22.7135, 5.1989


0.0000


 252.2640,  
-10.4832, 2.3995


 106.0420,  
-43.4047, 108.7112

 106.0420,  
-43.4047, 108.7112


 95.7720, -47.2156,  
117.7180

 119.2300,  
-38.5674, 97.1453

 133.0050,  
-34.0195, 85.0646

 146.1930,  
-29.1821, 73.4987

 159.9680,  
-24.6342, 61.4181

 173.1560,  
-19.7969, 49.8522

■ 186.9310,  
-15.2490, 37.7715

■ 200.1190,  
-10.4117, 26.2056

■ 213.8940, -5.8637,  
14.1250

■ 227.0820, -1.0264,  
2.5591

# Harmonies

## Analogous

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



85.5800, 4.6441, 144.1963



106.0420, -43.4047, 108.7112



116.6510, -57.5089, 59.0651

# Triad

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



106.0420, -43.4047, 108.7112



98.0020, -10.3540, -85.9478



101.2710, 75.7884, -88.8147

# Complementary

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



106.0420, -43.4047, 108.7112



141.9580, 43.4047, -108.7112

# 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.



113.5980, 69.7112, -99.6254



106.0420, -43.4047, 108.7112



108.1820, 23.5743, -94.8756

# Square

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



106.0420, -43.4047, 108.7112



85.1150, -41.9617, -74.6459



115.4610, 54.0027, -101.2593



124.7210, 53.8745, 33.5707



# Rectangle

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



106.0420, -43.4047, 108.7112



115.8440, -57.1111, 24.6928



115.4610, 54.0027, -101.2593



106.5540, 73.1839, -93.4479

# Sweetspot

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



106.0420, -43.4047, 108.7112



213.4470, -14.5174, 36.4420



101.1100, 44.3158, 113.0365



102.4390, -9.0904, 22.4170



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.



106.0420, -43.4047, 108.7112



106.1820, -52.3477, 130.5134



166.5030, -73.2120, 55.6869



108.3490, -2.6371, 5.8329



74.0660, -36.5145, 92.0271



21.1190, -10.4117, 26.2056

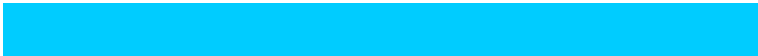


# Inverse Universe

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



141.9580, 43.4047, -108.7112



148.8180, 52.3477, -130.5134



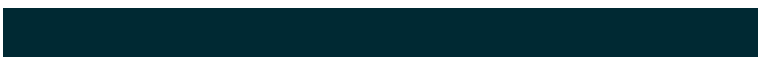
81.4970, 73.2120, -55.6869



109.6510, 2.6371, -5.8329



104.3470, 36.8039, -91.5123



29.8810, 10.4117, -26.2056



# Previews

## White Background



This preview shows how the YUV color 106.0420, -43.4047, 108.7112 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

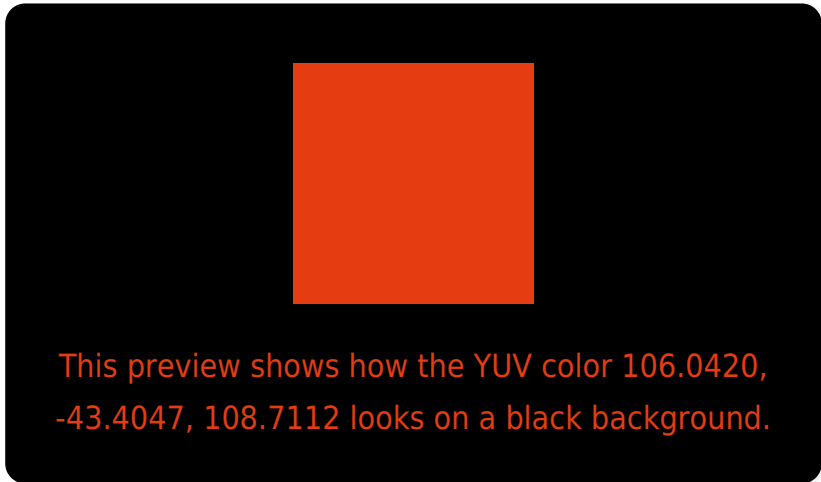
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



## 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 106.0420, -43.4047, 108.7112 Background



This preview shows how black text looks on a background with the YUV color 106.0420, -43.4047, 108.7112.



This preview shows how white text looks on a background with the YUV color 106.0420, -43.4047, 108.7112.



# 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

106.0420, -43.4047, 108.7112

### Protanopia

119.1110, -41.9597, 18.3197

### Deuteranopia

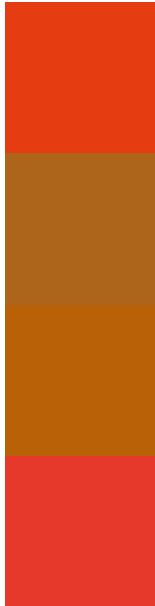
116.2090, -57.2910, 35.7737



## Tritanopia

108.5530, -24.9226, 107.3860

# Trichromacy



## Original Color

106.0420, -43.4047, 108.7112

## Protanomaly

114.2060, -42.4996, 51.5623

## Deuteranomaly

112.7530, -52.1362, 62.4836

## Tritanomaly

107.4300, -31.7640, 108.3709

# Monochromacy



## Original Color

106.0420, -43.4047, 108.7112

## Achromatopsia

106.0000, 0.0000, 0.0000

## Achromatomaly

105.8280, -15.6912, 39.6158

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 106.0420, -43.4047, 108.7112 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(230, 60, 18)` looks like.

```
.text, #text, p{  
    color:rgb(230, 60, 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(230, 60, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 60, 18) }
```

## Border

The CSS property to change the border of an element to YUV 106.0420, -43.4047, 108.7112 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(230, 60, 18) }
```



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

```
.border{ border-color:rgb(230, 60, 18) }
```

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

Here you see how a box with a 4 pixel rgb(230, 60, 18) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 60, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 60, 18);  
box-shadow:4px 4px 4px 4px rgb(230, 60,  
18) }
```

# Background

The CSS property to change the background color of an element to YUV 106.0420, -43.4047, 108.7112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 60, 18) }
```

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

```
.background{ background-color: rgb(230, 60,  
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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