

Converting Colors

YUV(106.0360, -40.9367,
110.4704)

Have a look what the booklet for
YUV(106.0360, -40.9367, 110.4704)
contains.

YUV(106.0360, -40.9367, 110.4704)	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(106.0360, -40.9367,
110.4704)**

Conversions

Conversions Part 1

Format	Color
Hex	E83A17
RGB	232, 58, 23
RGB Percent	91%, 23%, 9%
CMY	0.0902, 0.7725, 0.9098
CMYK	0.00, 0.75, 0.90, 0.09
HSL	10°, 82%, 50%
HSV	10°, 90%, 91%
XYZ	34.9464, 20.2438, 2.8762
YIQ	106.0360, 114.9390, 26.0030

Conversions

Conversions Part 2

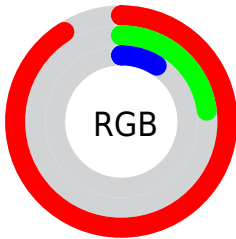
Format	Color
RYB	232, 65, 23
Decimal	15219223
CIELab	52.11, 64.61, 57.87
CIElCh	52, 86.741, 41.848
Yxy	20.2438, 0.6018, 0.3486
Android (android.graphics.Color)	4293409303 (0xFFE83A17)
YUV	106.0360, -40.9367, 110.4704
Hunter-Lab	44.9931, 59.9042, 27.7051

Details

The YUV color **106.0360, -40.9367, 110.4704** 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 **148.9640, 40.9367, -110.4704**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.8330, -39.8507, 88.7235**, and **49.9330, -24.6170, 102.6678** is the 20% darker color. If you saturate the color by 10%, you get **92.2610, -45.4847, 122.5511**, and if you desaturate by 10%, it is **119.8110, -36.3888, 98.3898**.

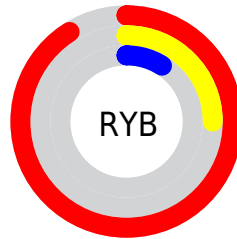
Distribution



Red (91%)

Green (23%)

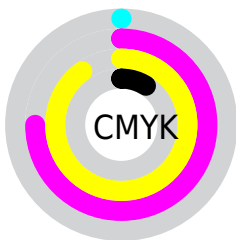
Blue (9%)



Red (91%)

Yellow (25%)

Blue (9%)

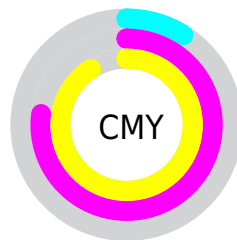


Cyan (0%)

Magenta (75%)

Yellow (90%)

Black (9%)



Cyan (9%)

Magenta (77%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.0360, -40.9367, 110.4704 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 106.0360, -40.9367, 110.4704 by changing the saturation by 10% instead.

106.0360,
-40.9367, 110.4704

106.0360,
-40.9367, 110.4704

255.0000, 0.0000,
0.0000

69.4800, -34.2536,
113.5890

153.8330,
-39.8507, 88.7235

49.9330, -24.6170,
102.6678

173.2330,
-36.5969, 71.7097

40.3650, -19.8999,
82.9949

193.2200,
-33.6325, 54.1811

30.7970, -15.1829,
63.3220

213.2070,
-30.6681, 36.6525

22.3540, -10.0345,
45.2935

233.8950,
-27.5562, 18.5091

12.9710, -5.9017,
26.3354


249.4140,

0.0000, 0.0000,


-21.4031, 4.8989


0.0000


 252.7200, -8.7360,
1.9996

 106.0360,
-40.9367, 110.4704


 106.0360,
-40.9367, 110.4704


 92.2610, -45.4847,
122.5511

 119.8110,
-36.3888, 98.3898

 134.1730,
-32.1303, 85.7943

 148.0620,
-27.1456, 73.6136

 161.8370,
-22.5976, 61.5330

 176.1990,
-18.3391, 48.9375

189.9740,
-13.7912, 36.8568

203.7490, -9.2433,
24.7761

218.2250, -4.5479,
12.0807

232.0000, 0.0000,
0.0000

Harmonies

Analogous

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



86.0360, 6.3913, 143.7964



106.0360, -40.9367, 110.4704



116.9610, -57.6618, 61.4242

Triad

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



106.0360, -40.9367, 110.4704



97.6600, -11.6644, -85.6478



102.4450, 75.2096, -89.8443

Complementary

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



106.0360, -40.9367, 110.4704



148.9640, 40.9367, -110.4704

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.



114.1850, 69.4218, -100.1402



106.0360, -40.9367, 110.4704



108.4270, 21.9745, -95.0905

Square

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



106.0360, -40.9367, 110.4704



86.6100, -42.6987, -71.5720



115.8200, 52.8397, -101.5741



125.0410, 55.1958, 29.7820

Rectangle

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



106.0360, -40.9367, 110.4704



116.1540, -57.2639, 27.0519



115.8200, 52.8397, -101.5741



107.1410, 72.8945, -93.9627

Sweetspot

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



106.0360, -40.9367, 110.4704



213.6750, -13.6438, 36.2420



105.3270, 45.1948, 111.0922



103.3680, -8.0694, 21.6023



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.



106.0360, -40.9367, 110.4704



101.4860, -50.0326, 134.6318



167.0840, -71.0334, 56.9313



107.7620, -2.3477, 6.3477



71.1310, -35.0676, 94.6011



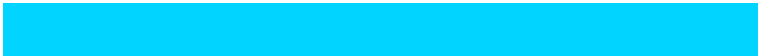
20.5320, -10.1223, 26.7204

Inverse Universe

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



148.9640, 40.9367, -110.4704



153.5140, 50.0326, -134.6318



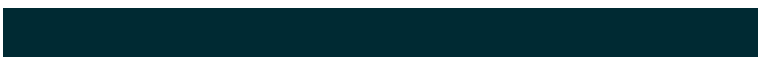
87.9160, 71.0334, -56.9313



110.2380, 2.3477, -6.3477



107.8690, 35.0676, -94.6011



30.4680, 10.1223, -26.7204

Previews

White Background



This preview shows how the YUV color 106.0360, -40.9367, 110.4704 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 106.0360, -40.9367, 110.4704 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 106.0360, -40.9367, 110.4704 Background



This preview shows how black text looks on a background with the YUV color 106.0360, -40.9367, 110.4704.



This preview shows how white text looks on a background with the YUV color 106.0360, -40.9367, 110.4704.

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

106.0360, -40.9367, 110.4704

Protanopia

119.6810, -39.7757, 17.8198

Deuteranopia

116.5080, -57.4384, 36.3885



Tritanopia

108.3360, -25.8016, 109.3303

Trichromacy



Original Color

106.0360, -40.9367, 110.4704

Protanomaly

114.7760, -40.3156, 51.0624

Deuteranomaly

112.5790, -51.5574, 63.5132

Tritanomaly

107.5550, -31.3326, 110.0153

Monochromacy



Original Color

106.0360, -40.9367, 110.4704

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

106.3550, -14.9650, 40.0307

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.0360, -40.9367, 110.4704 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(232, 58, 23)` looks like.

```
.text, #text, p{  
    color:rgb(232, 58, 23)  
}
```

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(232, 58, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 58, 23) }
```

Border

The CSS property to change the border of an element to YUV 106.0360, -40.9367, 110.4704 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(232, 58, 23) }
```


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

```
.border{ border-color:rgb(232, 58, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 58, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 58, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 58, 23);  
box-shadow:4px 4px 4px 4px rgb(232, 58,  
23) }
```

Background

The CSS property to change the background color of an element to YUV 106.0360, -40.9367, 110.4704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 58, 23) }
```

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

```
.background{ background-color: rgb(232, 58,  
23) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor