

Converting Colors

YUV(104.2750, -40.0686,
112.0148)

Have a look what the booklet for
YUV(104.2750, -40.0686, 112.0148)
contains.

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Color

**YUV(104.2750, -40.0686,
112.0148)**

Conversions

Conversions Part 1

Format	Color
Hex	E83717
RGB	232, 55, 23
RGB Percent	91%, 22%, 9%
CMY	0.0902, 0.7843, 0.9098
CMYK	0.00, 0.76, 0.90, 0.09
HSL	9°, 82%, 50%
HSV	9°, 90%, 91%
XYZ	34.7996, 19.9500, 2.8272
YIQ	104.2750, 115.7640, 27.5720

Conversions

Conversions Part 2

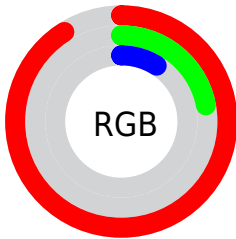
Format	Color
R_{YB}	232, 61, 23
Decimal	15218455
CIE Lab	51.78, 65.54, 57.64
CIE LCh	52, 87.279, 41.331
Yxy	19.9500, 0.6044, 0.3465
Android (android.graphics.Color)	4293408535 (0xFFE83717)
YUV	104.2750, -40.0686, 112.0148
Hunter-Lab	44.6655, 60.9075, 27.5129

Details

The YUV color **104.2750, -40.0686, 112.0148** 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 **150.7250, 40.0686, -112.0148**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.6590, -39.2719, 89.7531**, and **49.9330, -24.6170, 102.6678** is the 20% darker color. If you saturate the color by 10%, you get **90.5000, -44.6165, 124.0955**, and if you desaturate by 10%, it is **118.6370, -35.8100, 99.4194**.

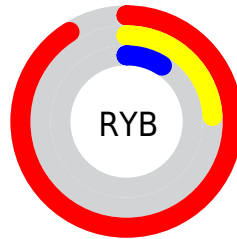
Distribution



Red (91%)

Green (22%)

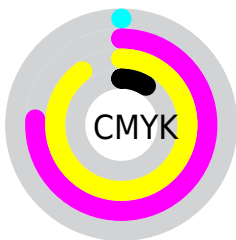
Blue (9%)



Red (91%)

Yellow (24%)

Blue (9%)

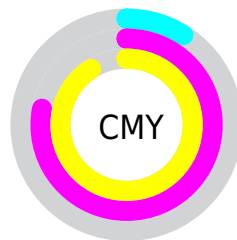


Cyan (0%)

Magenta (76%)

Yellow (90%)

Black (9%)



Cyan (9%)

Magenta (78%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.2750, -40.0686, 112.0148 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 104.2750, -40.0686, 112.0148 by changing the saturation by 10% instead.

■ 104.2750,
-40.0686, 112.0148

■ 104.2750,
-40.0686, 112.0148

255.0000, 0.0000,
0.0000

■ 64.7840, -31.9385,
117.7074

■ 152.6590,
-39.2719, 89.7531

■ 49.9330, -24.6170,
102.6678

■ 171.9450,
-36.4549, 72.8392

■ 40.3650, -19.8999,
82.9949

■ 191.9320,
-33.4905, 55.3106

■ 30.7970, -15.1829,
63.3220

■ 212.0330,
-30.0893, 37.6821

■ 22.4680, -9.5977,
45.1936

■ 232.7210,
-26.9775, 19.5387

■ 12.9710, -5.9017,
26.3354


■ 249.4140,


■ 0.0000, 0.0000,

-21.4031, 4.8989


0.0000


 252.7200, -8.7360,
1.9996

 104.2750,
-40.0686, 112.0148


 104.2750,
-40.0686, 112.0148

 90.5000, -44.6165,
124.0955

 118.6370,
-35.8100, 99.4194

 132.4120,
-31.2621, 87.3387

 146.8880,
-26.5668, 74.6432

 161.2500,
-22.3083, 62.0478

 175.0250,
-17.7603, 49.9671

■ 189.3870,
-13.5018, 37.3716

■ 203.7490, -9.2433,
24.7761

■ 217.6380, -4.2585,
12.5955

■ 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



104.2750, -40.0686, 112.0148



115.7870, -57.0830, 62.4538

Triad

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



104.2750, -40.0686, 112.0148



96.8450, -12.2486, -84.9331



101.8580, 75.4990, -89.3295

Complementary

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



104.2750, -40.0686, 112.0148



150.7250, 40.0686, -112.0148

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



104.2750, -40.0686, 112.0148



107.6120, 21.3903, -94.3757

Square

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



104.2750, -40.0686, 112.0148



86.6210, -42.7042, -69.8276



115.1190, 52.6923, -100.9594



124.4430, 55.4906, 28.5525

Rectangle

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



104.2750, -40.0686, 112.0148



115.8660, -57.1219, 28.1815



115.1190, 52.6923, -100.9594



107.1410, 72.8945, -93.9627

Sweetspot

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



104.2750, -40.0686, 112.0148



213.0880, -13.3544, 36.7568



105.7830, 46.9420, 110.6923



102.7810, -7.7800, 22.1171



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.



104.2750, -40.0686, 112.0148



99.1380, -48.8750, 136.6910



165.3230, -70.1652, 58.4757



107.7620, -2.3477, 6.3477



69.3700, -34.1994, 96.1455



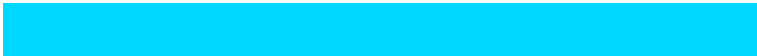
19.9450, -9.8329, 27.2352

Inverse Universe

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



150.7250, 40.0686, -112.0148



155.8620, 48.8750, -136.6910



89.6770, 70.1652, -58.4757



110.2380, 2.3477, -6.3477



109.0430, 34.4888, -95.6307



31.0550, 9.8329, -27.2352

Previews

White Background



This preview shows how the YUV color 104.2750, -40.0686, 112.0148 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 104.2750, -40.0686, 112.0148 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 104.2750, -40.0686, 112.0148 Background



This preview shows how black text looks on a background with the YUV color 104.2750, -40.0686, 112.0148.



This preview shows how white text looks on a background with the YUV color 104.2750, -40.0686, 112.0148.

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

104.2750, -40.0686, 112.0148

Protanopia

118.7950, -39.3389, 17.7198

Deuteranopia

116.2090, -57.2910, 35.7737



Tritanopia

106.2330, -26.2439, 111.1747

Trichromacy



Original Color

104.2750, -40.0686, 112.0148

Protanomaly

113.6020, -39.7368, 52.0920

Deuteranomaly

111.6930, -51.1206, 63.4132

Tritanomaly

105.5660, -31.3380, 111.7596

Monochromacy



Original Color

104.2750, -40.0686, 112.0148

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

104.1810, -14.3862, 41.0603

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.2750, -40.0686, 112.0148 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, 55, 23)` looks like.

```
.text, #text, p{  
    color:rgb(232, 55, 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, 55, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 55, 23) }
```

Border

The CSS property to change the border of an element to YUV 104.2750, -40.0686, 112.0148 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, 55, 23) }
```


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

```
.border{ border-color:rgb(232, 55, 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, 55, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 55, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 55, 23);  
box-shadow:4px 4px 4px 4px rgb(232, 55,  
23) }
```

Background

The CSS property to change the background color of an element to YUV 104.2750, -40.0686, 112.0148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 55, 23) }
```

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

```
.background{ background-color: rgb(232, 55,  
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](#).

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