

Converting Colors

YUV(100.4770, -43.1262,
112.7147)

Have a look what the booklet for
YUV(100.4770, -43.1262, 112.7147)
contains.

YUV(100.4770, -43.1262, 112.7147)	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(100.4770, -43.1262,
112.7147)**

Conversions

Conversions Part 1

Format	Color
Hex	E5340D
RGB	229, 52, 13
RGB Percent	90%, 20%, 5%
CMY	0.1020, 0.7961, 0.9490
CMYK	0.00, 0.77, 0.94, 0.10
HSL	11°, 89%, 47%
HSV	11°, 94%, 90%
XYZ	33.6137, 19.1431, 2.3041
YIQ	100.4770, 118.0110, 25.3950

Conversions

Conversions Part 2

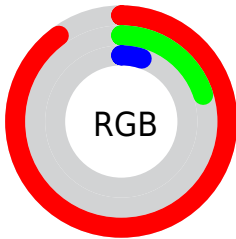
Format	Color
RYB	229, 61, 13
Decimal	15021069
CIELab	50.85, 65.42, 59.95
CIElCh	51, 88.734, 42.499
Yxy	19.1431, 0.6105, 0.3477
Android (android.graphics.Color)	4293211149 (0xFFE5340D)
YUV	100.4770, -43.1262, 112.7147
Hunter-Lab	43.7528, 60.5680, 27.5046

Details

The YUV color **100.4770, -43.1262, 112.7147** 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 **141.5230, 43.1262, -112.7147**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.1000, -41.4613, 91.9973**, and **49.0360, -24.1747, 100.8234** is the 20% darker color. If you saturate the color by 10%, you get **92.5380, -45.6212, 119.6772**, and if you desaturate by 10%, it is **114.2520, -38.5782, 100.6340**.

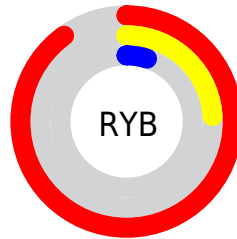
Distribution



Red (90%)

Green (20%)

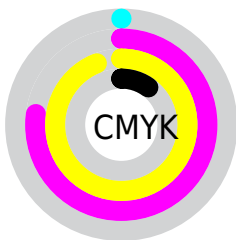
Blue (5%)



Red (90%)

Yellow (24%)

Blue (5%)

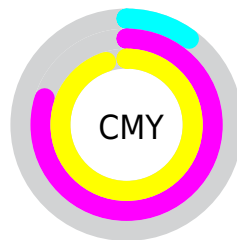


Cyan (0%)

Magenta (77%)

Yellow (94%)

Black (10%)



Cyan (10%)

Magenta (80%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.4770, -43.1262, 112.7147 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 100.4770, -43.1262, 112.7147 by changing the saturation by 10% instead.

100.4770,
-43.1262, 112.7147

100.4770,
-43.1262, 112.7147

255.0000, 0.0000,
0.0000

59.7780, -29.4706,
119.4667

150.1000,
-41.4613, 91.9973

49.0360, -24.1747,
100.8234

169.9730,
-38.9337, 74.5687

39.1690, -19.3103,
80.5358

189.9600,
-35.9693, 57.0401

29.9000, -14.7407,
61.4777

210.0610,
-32.5681, 39.4115

21.5710, -9.1555,
43.3492

230.1620,
-29.1669, 21.7829


11.7750, -5.3121,
23.8763


248.6160,

0.0000, 0.0000,


-24.4607, 5.5988


0.0000


 251.8080,
-12.2303, 2.7994


 100.4770,
-43.1262, 112.7147


 100.4770,
-43.1262, 112.7147


 92.5380, -45.6212,
119.6772

 114.2520,
-38.5782, 100.6340

 128.0270,
-34.0303, 88.5533

 141.2150,
-29.1930, 76.9874

 154.9900,
-24.6451, 64.9068

 168.7650,
-20.0971, 52.8261

■ 182.4260,
-15.9860, 40.8454

■ 195.6140,
-11.1487, 29.2795

■ 209.3890, -6.6008,
17.1988

■ 223.1640, -2.0529,
5.1182

Harmonies

Analogous

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



84.8680, 4.5021, 143.0668



100.4770, -43.1262, 112.7147



114.0040, -56.2040, 60.5095

Triad

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



100.4770, -43.1262, 112.7147



95.6710, -11.6698, -83.9035



100.0970, 76.3672, -87.7851

Complementary

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



100.4770, -43.1262, 112.7147



141.5230, 43.1262, -112.7147

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.



112.4240, 70.2900, -98.5958



100.4770, -43.1262, 112.7147



106.5520, 22.4059, -93.4461

Square

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



100.4770, -43.1262, 112.7147



83.3540, -41.0935, -73.1015



114.0590, 53.7079, -100.0297



121.8780, 55.7691, 32.5560

Rectangle

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



100.4770, -43.1262, 112.7147



113.4850, -55.9481, 25.0077



114.0590, 53.7079, -100.0297



105.3800, 73.7627, -92.4183

Sweetspot

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



100.4770, -43.1262, 112.7147



212.2730, -13.9386, 37.4716



98.1040, 46.7837, 114.7958



101.8520, -8.8010, 22.9318



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.



100.4770, -43.1262, 112.7147



103.2470, -50.9008, 133.0874



162.1120, -73.5122, 58.6608



107.7620, -2.3477, 6.3477



72.3050, -35.6464, 93.5715



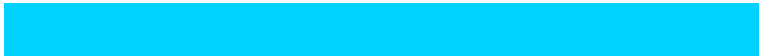
20.5320, -10.1223, 26.7204

Inverse Universe

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



141.5230, 43.1262, -112.7147



151.7530, 50.9008, -133.0874



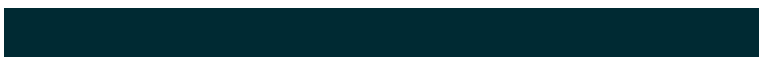
79.8880, 73.5122, -58.6608



110.2380, 2.3477, -6.3477



106.1080, 35.9358, -93.0567



30.4680, 10.1223, -26.7204

Previews

White Background



This preview shows how the YUV color 100.4770, -43.1262, 112.7147 looks on a white background.

Color Contrast Check

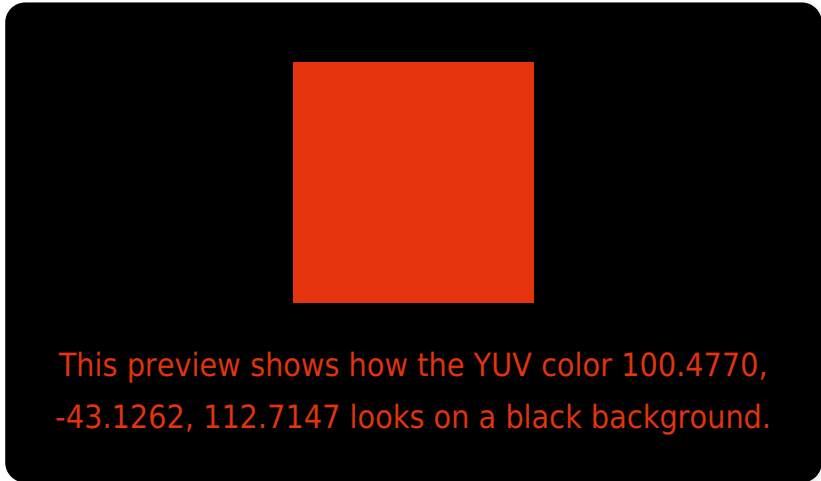
Large Text (above 18pt) WCAG AA ✓ Pass

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 100.4770, -43.1262, 112.7147 Background



This preview shows how black text looks on a background with the YUV color 100.4770, -43.1262, 112.7147.



This preview shows how white text looks on a background with the YUV color 100.4770, -43.1262, 112.7147.

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

100.4770, -43.1262, 112.7147

Protanopia

116.1110, -41.9597, 18.3197

Deuteranopia

114.1380, -56.2700, 34.9590



Tritanopia

103.1190, -26.6807, 111.2746

Trichromacy



Original Color

100.4770, -43.1262, 112.7147

Protanomaly

110.5050, -42.6470, 52.1771

Deuteranomaly

109.2800, -51.4100, 62.8984

Tritanomaly

102.2240, -32.6484, 112.0596

Monochromacy



Original Color

100.4770, -43.1262, 112.7147

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

100.4260, -15.9860, 40.8454

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.4770, -43.1262, 112.7147 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(229, 52, 13)` looks like.

```
.text, #text, p{  
    color:rgb(229, 52, 13)  
}
```

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(229, 52, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 52, 13) }
```

Border

The CSS property to change the border of an element to YUV 100.4770, -43.1262, 112.7147 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(229, 52, 13) }
```


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

```
.border{ border-color:rgb(229, 52, 13) }
```

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

Here you see how a box with a 4 pixel rgb(229, 52, 13) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 52, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 52, 13);  
box-shadow:4px 4px 4px 4px rgb(229, 52,  
13) }
```

Background

The CSS property to change the background color of an element to YUV 100.4770, -43.1262, 112.7147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 52, 13) }
```

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

```
.background{ background-color: rgb(229, 52,  
13) }
```

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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