

Converting Colors

YUV(69.7100, -32.8880,
142.3283)

Have a look what the booklet for
YUV(69.7100, -32.8880, 142.3283)
contains.

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Color

**YUV(69.7100, -32.8880,
142.3283)**

Conversions

Conversions Part 1

Format	Color
Hex	E80003
RGB	232, 0, 3
RGB Percent	91%, 0%, 1%
CMY	0.0902, 1.0000, 0.9882
CMYK	0.00, 1.00, 0.99, 0.09
HSL	359°, 100%, 45%
HSV	359°, 100%, 91%
XYZ	33.2951, 17.1624, 1.6440
YIQ	69.7100, 137.3090, 50.1170

Conversions

Conversions Part 2

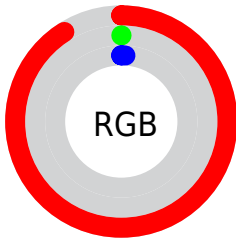
Format	Color
R_{YB}	232, 0, 3
Decimal	15204355
CIE _{Lab}	48.46, 74.60, 61.71
CIE _{LCh}	48, 96.821, 39.598
Yxy	17.1624, 0.6390, 0.3294
Android (android.graphics.Color)	4293394435 (0xFFE80003)
YUV	69.7100, -32.8880, 142.3283
Hunter-Lab	41.4275, 70.9617, 26.6464

Details

The YUV color **69.7100, -32.8880, 142.3283** 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 **162.2900, 32.8880, -142.3283**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.2740, -38.5891, 104.1227**, and **49.3350, -24.3222, 101.4382** is the 20% darker color. If you saturate the color by 10%, you get **69.7100, -32.8880, 142.3283**, and if you desaturate by 10%, it is **85.8330, -29.4977, 128.1885**.

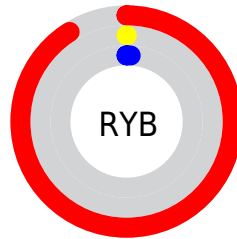
Distribution



Red (91%)

Green (0%)

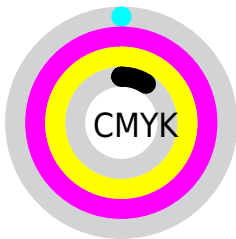
Blue (1%)



Red (91%)

Yellow (0%)

Blue (1%)

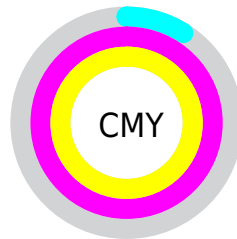


Cyan (0%)

Magenta (100%)

Yellow (99%)

Black (9%)



Cyan (9%)


Magenta (100%)


Yellow (99%)

Brightness & Saturation Gradients


These gradients show how the YUV color 69.7100, -32.8880, 142.3283 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 69.7100, -32.8880, 142.3283 by changing the saturation by 10% instead.


 69.7100, -32.8880,
142.3283


 69.7100, -32.8880,
142.3283


 253.9740, -3.9312,
0.8998


 59.5010, -29.3340,
122.3406


 136.2740,
-38.5891, 104.1227

 49.3350, -24.3222,
101.4382


 157.3210,
-36.6403, 85.6645


 39.7670, -19.6051,
81.7653


 177.7810,
-34.4020, 67.7211

 30.4270, -14.0145,
61.8925

 198.4690,
-31.2902, 49.5777

 21.6850, -8.7187,
43.2493

 219.0430,
-28.6152, 31.5343


 11.4760, -5.1647,
23.2615


 239.8450,


 0.0000, 0.0000,


-25.0666, 13.2909


0.0000


 250.6680,
-16.5983, 3.7992


 69.7100, -32.8880,
142.3283

 85.8330, -29.4977,
128.1885

 101.9560,
-26.1073, 114.0486

 118.6660,
-23.0063, 99.3939

 134.7890,
-19.6160, 85.2540

 150.9120,
-16.2256, 71.1142

■ 166.9210,
-13.2721, 57.0743

■ 183.0440, -9.8817,
42.9344

■ 199.7540, -6.7807,
28.2797

■ 215.8770, -3.3904,
14.1399

Harmonies

Analogous

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



85.3520, 3.7705, 144.3963



69.7100, -32.8880, 142.3283



107.2590, -52.8787, 67.3019

Triad

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



69.7100, -32.8880, 142.3283



89.8690, -18.6694, -78.8151



98.9230, 76.9460, -86.7555

Complementary

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



69.7100, -32.8880, 142.3283



162.2900, 32.8880, -142.3283

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.



111.2500, 70.8688, -97.5662



69.7100, -32.8880, 142.3283



101.6620, 18.9006, -89.1576

Square

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



69.7100, -32.8880, 142.3283



79.8320, -39.3572, -70.0127



110.6680, 53.4077, -97.0558



114.0000, 64.0900, 23.6790

Rectangle

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



69.7100, -32.8880, 142.3283



108.2020, -53.3436, 29.6408



110.6680, 53.4077, -97.0558



104.2060, 74.3414, -91.3887

Sweetspot

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



69.7100, -32.8880, 142.3283



201.7240, -11.2029, 46.7231



94.6200, 67.7283, 116.9743



95.7540, -6.7807, 28.2797



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.



69.7100, -32.8880, 142.3283



76.5870, -36.2784, 156.4682



135.1120, -66.6102, 84.9708



106.5880, -1.7689, 7.3773



53.7490, -25.5123, 109.8451



15.3630, -7.0810, 31.2536

Inverse Universe

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



69.7100, -32.8880, 142.3283



76.5870, -36.2784, 156.4682



96.8880, 66.6102, -84.9708



106.5880, -1.7689, 7.3773



53.7490, -25.5123, 109.8451



15.3630, -7.0810, 31.2536

Previews

White Background



This preview shows how the YUV color 69.7100, -32.8880, 142.3283 looks on a white 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

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 69.7100, -32.8880, 142.3283

Background



This preview shows how black text looks on a background with the YUV color 69.7100, -32.8880, 142.3283.



This preview shows how white text looks on a background with the YUV color 69.7100, -32.8880,

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

69.7100, -32.8880, 142.3283

Protanopia

111.2680, -40.0651, 17.3050

Tritanopia

81.6840, -40.2702, 130.0731

Trichromacy



Original Color

69.7100, -32.8880, 142.3283

Protanomaly

95.9500, -37.4433, 63.1879

Tritanomaly

77.4010, -37.6657, 134.7063

Monochromacy



Original Color

69.7100, -32.8880, 142.3283

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.2300, -11.9454, 51.5413

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.7100, -32.8880, 142.3283 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, 0, 3)` looks like.

```
.text, #text, p{  
    color:rgb(232, 0, 3)  
}
```

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, 0, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 0, 3) }
```

Border

The CSS property to change the border of an element to YUV 69.7100, -32.8880, 142.3283 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, 0, 3) }
```

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

```
.border{ border-color:rgb(232, 0, 3) }
```

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

Here you see how a box with a 4 pixel rgb(232, 0, 3) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 0, 3); -webkit-box-shadow:4px  
4px 4px 4px rgb(232, 0, 3); box-shadow:4px  
4px 4px 4px rgb(232, 0, 3) }
```


Background

The CSS property to change the background color of an element to YUV 69.7100, -32.8880, 142.3283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 0, 3) }
```

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

```
.background{ background-color: rgb(232, 0,  
3) }
```

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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