

Converting Colors

YUV(112.2480, -42.5203,
105.0225)

Have a look what the booklet for
YUV(112.2480, -42.5203, 105.0225)
contains.

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Color

**YUV(112.2480, -42.5203,
105.0225)**

Conversions

Conversions Part 1

Format	Color
Hex	E8441A
RGB	232, 68, 26
RGB Percent	91%, 27%, 10%
CMY	0.0902, 0.7333, 0.8980
CMYK	0.00, 0.71, 0.89, 0.09
HSL	12°, 82%, 51%
HSV	12°, 89%, 91%
XYZ	35.5323, 21.3646, 3.2283
YIQ	112.2480, 111.2260, 21.7060

Conversions

Conversions Part 2

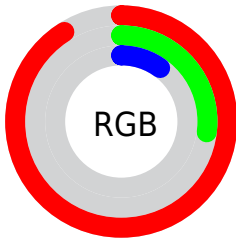
Format	Color
R_{YB}	232, 79, 26
Decimal	15221786
CIE _{Lab}	53.35, 61.28, 57.66
CIE _{LCh}	53, 84.146, 43.256
Yxy	21.3646, 0.5910, 0.3553
Android (android.graphics.Color)	4293411866 (0xFFE8441A)
YUV	112.2480, -42.5203, 105.0225
Hunter-Lab	46.2219, 56.3305, 28.2143

Details

The YUV color **112.2480, -42.5203, 105.0225** 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 **145.7520, 42.5203, -105.0225**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.3980, -40.1292, 84.7200**, and **49.9330, -24.6170, 102.6678** is the 20% darker color. If you saturate the color by 10%, you get **99.0600, -47.3576, 116.5884**, and if you desaturate by 10%, it is **125.4360, -37.6829, 93.4566**.

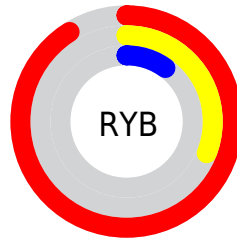
Distribution



Red (91%)

Green (27%)

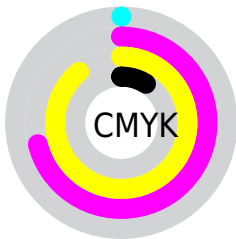
Blue (10%)



Red (91%)

Yellow (31%)

Blue (10%)

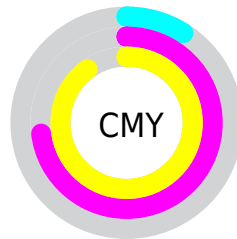


Cyan (0%)

Magenta (71%)

Yellow (89%)

Black (9%)



Cyan (9%)


Magenta (73%)


Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the YUV color 112.2480, -42.5203, 105.0225 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 112.2480, -42.5203, 105.0225 by changing the saturation by 10% instead.


 112.2480,
-42.5203, 105.0225


 112.2480,
-42.5203, 105.0225


255.0000, 0.0000,
0.0000

 80.0460, -39.4627,
104.3227


 158.3980,
-40.1292, 84.7200


 49.9330, -24.6170,
102.6678


 178.2710,
-37.6016, 67.2913


 40.3650, -19.8999,
82.9949


 198.2580,
-34.6372, 49.7627

 31.0960, -15.3303,
63.9368

 218.3590,
-31.2360, 32.1342

 22.3540, -10.0345,
45.2935

 238.4600,
-27.8348, 14.5056

 13.5690, -6.1965,
27.5650

 249.8700,

 0.0000, 0.0000,

-19.6559, 4.4990

0.0000

253.1760, -6.9888,
1.5996

112.2480,
-42.5203, 105.0225

112.2480,
-42.5203, 105.0225

99.0600, -47.3576,
116.5884

125.4360,
-37.6829, 93.4566

96.9570, -47.7998,
118.4327

139.2110,
-33.1350, 81.3760

152.5130,
-27.8609, 69.7101

166.2880,
-23.3130, 57.6294

179.4760,
-18.4757, 46.0635

■ 193.2510,
-13.9277, 33.9829

■ 206.4390, -9.0904,
22.4170

■ 220.3280, -4.1057,
10.2363

■ 233.5160, 0.7316,
-1.3295

Harmonies

Analogous

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



86.3350, 6.2438, 144.4112



112.2480, -42.5203, 105.0225



119.8960, -59.1087, 58.8502

Triad

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



112.2480, -42.5203, 105.0225



100.3330, -9.0382, -87.9920



103.0320, 74.9202, -90.3591

Complementary

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



112.2480, -42.5203, 105.0225



145.7520, 42.5203, -105.0225

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.



115.3590, 68.8430, -101.1698



112.2480, -42.5203, 105.0225



110.8720, 23.7271, -97.2347

Square

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



112.2480, -42.5203, 105.0225



91.3500, -45.0355, -68.7129



117.3360, 53.5714, -102.9037



128.8520, 51.8380, 33.4558

Rectangle

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



112.2480, -42.5203, 105.0225



118.8010, -58.5689, 25.6075



117.3360, 53.5714, -102.9037



108.3150, 72.3157, -94.9923

Sweetspot

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



112.2480, -42.5203, 105.0225



214.8490, -14.2226, 35.2124



106.4040, 41.7058, 110.1477



103.9550, -8.3588, 21.0875



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.



112.2480, -42.5203, 105.0225



106.7690, -52.6371, 129.9986



172.1220, -72.0381, 52.5130



108.3490, -2.6371, 5.8329



74.6530, -36.8039, 91.5123



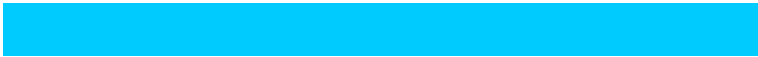
21.1190, -10.4117, 26.2056

Inverse Universe

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



145.7520, 42.5203, -105.0225



148.2310, 52.6371, -129.9986



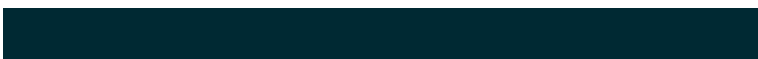
85.8780, 72.0381, -52.5130



109.6510, 2.6371, -5.8329



103.7600, 37.0933, -90.9975



29.8810, 10.4117, -26.2056

Previews

White Background



This preview shows how the YUV color 112.2480, -42.5203, 105.0225 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 112.2480, -42.5203, 105.0225 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 112.2480, -42.5203, 105.0225 Background



This preview shows how black text looks on a background with the YUV color 112.2480, -42.5203, 105.0225.



This preview shows how white text looks on a background with the YUV color 112.2480, -42.5203, 105.0225.

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

112.2480, -42.5203, 105.0225

Protanopia

122.5670, -40.2125, 17.9197

Deuteranopia

119.4650, -58.8962, 37.3032



Tritanopia

114.8730, -23.6014, 103.5974

Trichromacy



Original Color

112.2480, -42.5203, 105.0225

Protanomaly

118.6510, -40.7469, 49.4181

Deuteranomaly

116.8130, -53.1518, 61.5540

Tritanomaly

113.7500, -30.4428, 104.5823

Monochromacy



Original Color

112.2480, -42.5203, 105.0225

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

112.2300, -15.3964, 38.3863

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.2480, -42.5203, 105.0225 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, 68, 26)` looks like.

```
.text, #text, p{  
    color:rgb(232, 68, 26)  
}
```

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, 68, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 68, 26) }
```

Border

The CSS property to change the border of an element to YUV 112.2480, -42.5203, 105.0225 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, 68, 26) }
```


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

```
.border{ border-color:rgb(232, 68, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 68, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 68, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 68, 26);  
box-shadow:4px 4px 4px 4px rgb(232, 68,  
26) }
```

Background

The CSS property to change the background color of an element to YUV 112.2480, -42.5203, 105.0225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 68, 26) }
```

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

```
.background{ background-color: rgb(232, 68,  
26) }
```

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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