

Converting Colors

YUV(112.7690, -39.3261,
107.1966)

Have a look what the booklet for
YUV(112.7690, -39.3261, 107.1966)
contains.

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Color

**YUV(112.7690, -39.3261,
107.1966)**

Conversions

Conversions Part 1

Format	Color
Hex	EB4221
RGB	235, 66, 33
RGB Percent	92%, 26%, 13%
CMY	0.0784, 0.7412, 0.8706
CMYK	0.00, 0.72, 0.86, 0.08
HSL	10°, 83%, 53%
HSV	10°, 86%, 92%
XYZ	36.4837, 21.6684, 3.6984
YIQ	112.7690, 111.3170, 25.5650

Conversions

Conversions Part 2

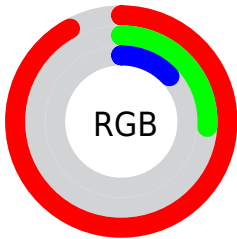
Format	Color
RYB	235, 72, 33
Decimal	15417889
CIELab	53.67, 63.06, 55.36
CIELCh	54, 83.910, 41.277
Yxy	21.6684, 0.5899, 0.3503
Android (android.graphics.Color)	4293607969 (0xFFEB4221)
YUV	112.7690, -39.3261, 107.1966
Hunter-Lab	46.5493, 58.4405, 27.8739

Details

The YUV color **112.7690, -39.3261, 107.1966** 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 **155.2310, 39.3261, -107.1966**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.3810, -37.6558, 84.7349**, and **50.8300, -25.0592, 104.5121** is the 20% darker color. If you saturate the color by 10%, you get **98.4070, -43.5847, 119.7921**, and if you desaturate by 10%, it is **127.1310, -35.0676, 94.6011**.

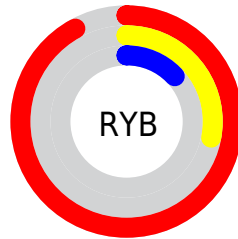
Distribution



Red (92%)

Green (26%)

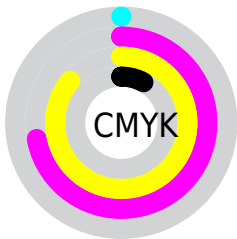
Blue (13%)



Red (92%)

Yellow (28%)

Blue (13%)

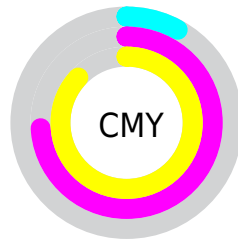


Cyan (0%)

Magenta (72%)

Yellow (86%)

Black (8%)



Cyan (8%)

Magenta (74%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.7690, -39.3261, 107.1966 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 112.7690, -39.3261, 107.1966 by changing the saturation by 10% instead.

■ 112.7690,
-39.3261, 107.1966

■ 112.7690,
-39.3261, 107.1966

255.0000, 0.0000,
0.0000

■ 79.1650, -36.5633,
107.7263

■ 158.3810,
-37.6558, 84.7349

■ 50.8300, -25.0592,
104.5121

■ 178.3680,
-34.6914, 67.2063

■ 41.2620, -20.3422,
84.8392

■ 198.3550,
-31.7270, 49.6777

■ 31.9930, -15.7725,
65.7811

■ 218.3420,
-28.7626, 32.1491

■ 23.2510, -10.4767,
47.1379

■ 238.5570,
-24.9246, 14.4205

■ 14.2810, -6.0545,
28.6946

■ 250.5540,

■ 0.0000, 0.0000,

-17.0351, 3.8991

0.0000

253.8600, -4.3680,
0.9998

112.7690,
-39.3261, 107.1966

112.7690,
-39.3261, 107.1966

98.4070, -43.5847,
119.7921

127.1310,
-35.0676, 94.6011

92.5710, -45.6375,
124.9102

141.0200,
-30.0829, 82.4205

155.4960,
-25.3875, 69.7250

169.8580,
-21.1290, 57.1295

183.6330,
-16.5811, 45.0489

198.1090,
-11.8857, 32.3534

212.5850, -7.1904,
19.6580

226.3600, -2.6425,
7.5773

240.7220, 1.6161,
-5.0182

Harmonies

Analogous

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



87.3180, 8.7172, 144.4261



112.7690, -39.3261, 107.1966



120.8040, -59.5564, 62.4389

Triad

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



112.7690, -39.3261, 107.1966



100.4640, -11.0748, -88.1069



104.7930, 74.0521, -91.9035

Complementary

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



112.7690, -39.3261, 107.1966



155.2310, 39.3261, -107.1966

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.



116.5330, 68.2642, -102.1994



112.7690, -39.3261, 107.1966



111.0030, 21.6905, -97.3496

Square

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



112.7690, -39.3261, 107.1966



97.9280, -48.2785, -55.1879



117.5810, 51.9716, -103.1185



129.9760, 53.7488, 27.2080

Rectangle

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



112.7690, -39.3261, 107.1966



120.2960, -59.3059, 28.6814



117.5810, 51.9716, -103.1185



109.4890, 71.7369, -96.0219

Sweetspot

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



112.7690, -39.3261, 107.1966



215.1910, -12.9122, 34.9125



113.0060, 45.3530, 106.9887



103.4820, -7.6326, 21.5023



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.



112.7690, -39.3261, 107.1966



100.8990, -49.7432, 135.1466



170.2950, -67.6864, 56.7463



109.8760, -1.9109, 6.2477



71.7290, -35.3624, 95.8307



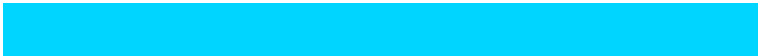
21.4290, -10.5645, 28.5648

Inverse Universe

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



155.2310, 39.3261, -107.1966



154.1010, 49.7432, -135.1466



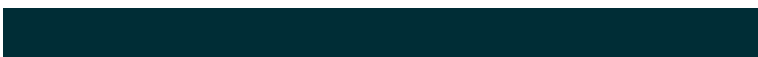
97.7050, 67.6864, -56.7463



112.5370, 2.2003, -5.7329



109.2710, 35.3624, -95.8307



32.5710, 10.5645, -28.5648

Previews

White Background



This preview shows how the YUV color 112.7690, -39.3261, 107.1966 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 112.7690, -39.3261, 107.1966 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 112.7690, -39.3261, 107.1966 Background



This preview shows how black text looks on a background with the YUV color 112.7690, -39.3261, 107.1966.



This preview shows how white text looks on a background with the YUV color 112.7690, -39.3261, 107.1966.

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

112.7690, -39.3261, 107.1966

Protanopia

124.3650, -37.1549, 17.2199

Deuteranopia

120.3510, -59.3330, 37.4032



Tritanopia

114.9550, -24.6278, 106.1565

Trichromacy



Original Color

112.7690, -39.3261, 107.1966

Protanomaly

120.0470, -37.9842, 49.9478

Deuteranomaly

117.7530, -52.1362, 62.4836

Tritanomaly

114.1740, -30.1588, 106.8414

Monochromacy



Original Color

112.7690, -39.3261, 107.1966

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.8710, -14.2334, 38.7011

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.7690, -39.3261, 107.1966 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(235, 66, 33)` looks like.

```
.text, #text, p{  
  color:rgb(235, 66, 33)  
}
```

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(235, 66, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 66, 33) }
```

Border

The CSS property to change the border of an element to YUV 112.7690, -39.3261, 107.1966 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(235, 66, 33) }
```


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

```
.border{ border-color:rgb(235, 66, 33) }
```

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

Here you see how a box with a 4 pixel rgb(235, 66, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 66, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 66, 33);  
box-shadow:4px 4px 4px 4px rgb(235, 66,  
33) }
```

Background

The CSS property to change the background color of an element to YUV 112.7690, -39.3261, 107.1966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 66, 33) }
```

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

```
.background{ background-color: rgb(235, 66,  
33) }
```

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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