

Converting Colors

YUV(67.9740, -26.6092,
135.0808)

Have a look what the booklet for
YUV(67.9740, -26.6092, 135.0808)
contains.

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Color

**YUV(67.9740, -26.6092,
135.0808)**

Conversions

Conversions Part 1

Format	Color
Hex	DE000E
RGB	222, 0, 14
RGB Percent	87%, 0%, 5%
CMY	0.1294, 1.0000, 0.9451
CMYK	0.00, 1.00, 0.94, 0.13
HSL	356°, 100%, 44%
HSV	356°, 100%, 87%
XYZ	30.2035, 15.5613, 1.8272
YIQ	67.9740, 127.8180, 51.4180

Conversions

Conversions Part 2

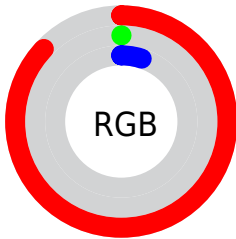
Format	Color
RYB	222, 0, 14
Decimal	14549006
CIELab	46.39, 72.26, 56.37
CIELCh	46, 91.649, 37.957
Yxy	15.5613, 0.6346, 0.3270
Android (android.graphics.Color)	4292739086 (0xFFDE000E)
YUV	67.9740, -26.6092, 135.0808
Hunter-Lab	39.4478, 67.6360, 24.8672

Details

The YUV color **67.9740, -26.6092, 135.0808** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **154.0260, 26.6092, -135.0808**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.6700, -35.8263, 104.6524**, and **46.6440, -22.9955, 95.9052** is the 20% darker color. If you saturate the color by 10%, you get **67.9740, -26.6092, 135.0808**, and if you desaturate by 10%, it is **83.2820, -23.8030, 121.6557**.

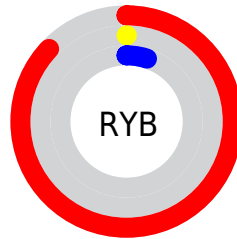
Distribution



Red (87%)

Green (0%)

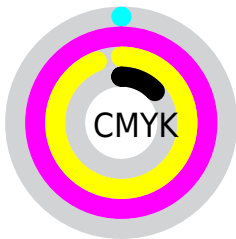
Blue (5%)



Red (87%)

Yellow (0%)

Blue (5%)

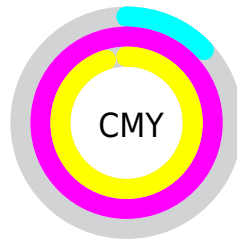


Cyan (0%)

Magenta (100%)

Yellow (94%)

Black (13%)



Cyan (13%)

Magenta (100%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.9740, -26.6092, 135.0808 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 67.9740, -26.6092, 135.0808 by changing the saturation by 10% instead.

■ 67.9740, -26.6092,
135.0808

■ 67.9740, -26.6092,
135.0808

■ 254.5440, -1.7472,
0.3999

■ 56.5110, -27.8599,
116.1929

■ 135.6700,
-35.8263, 104.6524

■ 46.6440, -22.9955,
95.9052

■ 156.7170,
-33.8775, 86.1942

■ 37.0760, -18.2785,
76.2323

■ 176.7040,
-30.9131, 68.6656

■ 27.7360, -12.6878,
56.3595

■ 197.2780,
-28.2381, 50.6222

■ 18.8800, -7.8288,
37.8162

■ 217.9660,
-25.1262, 32.4788


■ 8.1870, -3.5432,
16.4990


■ 238.6540,


■ 0.0000, 0.0000,


-22.0144, 14.3354


0.0000

 251.2380,
-14.4143, 3.2993

 67.9740, -26.6092,
135.0808

 83.2820, -23.8030,
121.6557

 98.5900, -20.9969,
108.2306

 114.3710,
-18.9169, 94.3906

 129.6790,
-16.1107, 80.9655

 144.9870,
-13.3046, 67.5404

■ 160.2950,
-10.4984, 54.1153

■ 175.6030, -7.6923,
40.6902

■ 191.3840, -5.6123,
26.8502

■ 206.6920, -2.8062,
13.4251

Harmonies

Analogous

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



81.5790, 6.1236, 136.3042



67.9740, -26.6092, 135.0808



102.2420, -50.4053, 67.3168

Triad

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



67.9740, -26.6092, 135.0808



85.6630, -19.5539, -75.1265



96.5750, 78.1035, -84.6963

Complementary

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



67.9740, -26.6092, 135.0808



154.0260, 26.6092, -135.0808

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.



107.7280, 72.6051, -94.4775



67.9740, -26.6092, 135.0808



96.2990, 16.1216, -84.4542

Square

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



67.9740, -26.6092, 135.0808



75.7230, -37.3314, -66.4091



105.4360, 48.5921, -92.4674



108.9730, 61.6383, 16.6867

Rectangle

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



67.9740, -26.6092, 135.0808



103.7830, -51.1650, 30.8853



105.4360, 48.5921, -92.4674



101.2710, 75.7884, -88.8147

Sweetspot

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



67.9740, -26.6092, 135.0808



202.1800, -9.4557, 46.3231



87.2010, 66.4559, 105.0637



95.9820, -5.9071, 28.0798



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.



67.9740, -26.6092, 135.0808



78.0690, -30.6000, 155.1685



122.7300, -60.5059, 87.0598



104.4030, -1.1847, 6.6626



53.8780, -21.1389, 107.1010



14.6940, -5.7651, 29.2094

Inverse Universe

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



67.9740, -26.6092, 135.0808



78.0690, -30.6000, 155.1685



99.2700, 60.5059, -87.0598



104.4030, -1.1847, 6.6626



53.8780, -21.1389, 107.1010



14.6940, -5.7651, 29.2094

Previews

White Background



This preview shows how the YUV color 67.9740, -26.6092, 135.0808 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 67.9740, -26.6092, 135.0808

Background



This preview shows how black text looks on a background with the YUV color 67.9740, -26.6092, 135.0808.



This preview shows how white text looks on a background with the YUV color 67.9740, -26.6092,

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

67.9740, -26.6092, 135.0808

Protanopia

107.2940, -36.1339, 16.4052

Deuteranopia

104.3810, -51.4598, 32.1149



Tritanopia

77.5200, -38.2174, 124.9550

Trichromacy



Original Color

67.9740, -26.6092, 135.0808

Protanomaly

92.8940, -32.4857, 59.7290

Deuteranomaly

90.7290, -42.2644, 69.5207

Tritanomaly

74.2800, -34.1550, 128.6734

Monochromacy



Original Color

67.9740, -26.6092, 135.0808

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

67.7890, -9.7560, 49.2970

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.9740, -26.6092, 135.0808 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(222, 0, 14)` looks like.

```
.text, #text, p{  
    color:rgb(222, 0, 14)  
}
```

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(222, 0, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 0, 14) }
```

Border

The CSS property to change the border of an element to YUV 67.9740, -26.6092, 135.0808 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(222, 0, 14) }
```


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

```
.border{ border-color:rgb(222, 0, 14) }
```

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

Here you see how a box with a 4 pixel rgb(222, 0, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 0, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 0, 14);  
box-shadow:4px 4px 4px 4px rgb(222, 0, 14)  
}
```

Background

The CSS property to change the background color of an element to YUV 67.9740, -26.6092, 135.0808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 0, 14) }
```

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

```
.background{ background-color: rgb(222, 0,  
14) }
```

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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