

Converting Colors

YUV(72.2620, -26.7512,
133.9512)

Have a look what the booklet for
YUV(72.2620, -26.7512, 133.9512)
contains.

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Color

**YUV(72.2620, -26.7512,
133.9512)**

Conversions

Conversions Part 1

Format	Color
Hex	E10512
RGB	225, 5, 18
RGB Percent	88%, 2%, 7%
CMY	0.1176, 0.9804, 0.9294
CMYK	0.00, 0.98, 0.92, 0.12
HSL	356°, 96%, 45%
HSV	356°, 98%, 88%
XYZ	31.2148, 16.1598, 2.0462
YIQ	72.2620, 126.9470, 50.6830

Conversions

Conversions Part 2

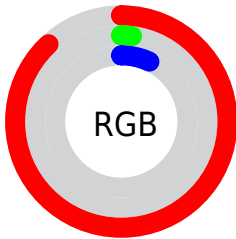
Format	Color
RYB	225, 5, 18
Decimal	14746898
CIELab	47.18, 72.62, 55.76
CIElCh	47, 91.564, 37.518
Yxy	16.1598, 0.6316, 0.3270
Android (android.graphics.Color)	4292936978 (0xFFE10512)
YUV	72.2620, -26.7512, 133.9512
Hunter-Lab	40.1992, 68.2571, 25.1215

Details

The YUV color **72.2620, -26.7512, 133.9512** 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 **157.7380, 26.7512, -133.9512**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.3000, -34.6579, 103.2229**, and **47.5410, -23.4377, 97.7495** is the 20% darker color. If you saturate the color by 10%, you get **68.7570, -27.4882, 137.0251**, and if you desaturate by 10%, it is **88.1570, -24.2344, 120.0113**.

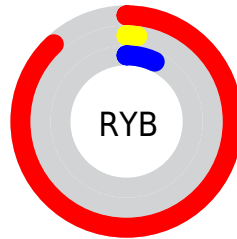
Distribution



Red (88%)

Green (2%)

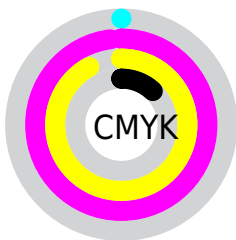
Blue (7%)



Red (88%)

Yellow (2%)

Blue (7%)

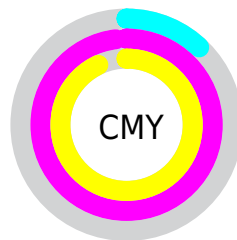


Cyan (0%)

Magenta (98%)

Yellow (92%)

Black (12%)



Cyan (12%)


Magenta (98%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the YUV color 72.2620, -26.7512, 133.9512 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 72.2620, -26.7512, 133.9512 by changing the saturation by 10% instead.


 72.2620, -26.7512,
133.9512


 72.2620, -26.7512,
133.9512


255.0000, 0.0000,
0.0000


 57.4080, -28.3021,
118.0372


 137.3000,
-34.6579, 103.2229

 47.5410, -23.4377,
97.7495

 158.2330,
-33.1459, 84.8647


 37.9730, -18.7207,
78.0767


 178.2200,
-30.1815, 67.3361

 28.6330, -13.1301,
58.2039

 198.7940,
-27.5064, 49.2927

 19.7770, -8.2711,
39.6606

 219.4820,
-24.3946, 31.1493


 9.3830, -4.1328,
18.9581


 240.2840,


 0.0000, 0.0000,


-20.8460, 12.9059


0.0000


 251.6940,
-12.6671, 2.8994

 72.2620, -26.7512,
133.9512

 72.2620, -26.7512,
133.9512


 68.7570, -27.4882,
137.0251

 88.1570, -24.2344,
120.0113

 103.4650,
-21.4282, 106.5862

 119.4740,
-18.4747, 92.5463

 134.7820,
-15.6685, 79.1212

 150.6770,
-13.1518, 65.1813

■ 165.9850,
-10.3456, 51.7562

■ 181.8800, -7.8288,
37.8162

■ 197.1880, -5.0227,
24.3911

■ 213.1970, -2.0691,
10.3512

Harmonies

Analogous

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



82.8180, 6.9917, 137.8486



72.2620, -26.7512, 133.9512



103.7260, -51.1369, 68.6463

Triad

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



72.2620, -26.7512, 133.9512



86.9510, -19.6958, -76.2560



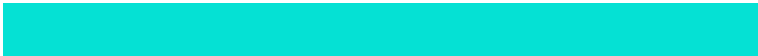
97.7490, 77.5247, -85.7259

Complementary

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



72.2620, -26.7512, 133.9512



157.7380, 26.7512, -133.9512

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.



108.9020, 72.0263, -95.5071



72.2620, -26.7512, 133.9512



98.1740, 15.6902, -86.0986

Square

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



72.2620, -26.7512, 133.9512



76.8970, -37.9102, -67.4387



106.7240, 48.4501, -93.5969



111.0760, 62.0805, 14.8423

Rectangle

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



72.2620, -26.7512, 133.9512



105.2670, -51.8966, 32.2148



106.7240, 48.4501, -93.5969



102.4450, 75.2096, -89.8443

Sweetspot

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



72.2620, -26.7512, 133.9512



203.5820, -9.1609, 45.0936



91.3750, 65.8771, 104.0341



96.7970, -5.3229, 27.3650



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.



72.2620, -26.7512, 133.9512



77.9550, -31.0368, 155.2685



126.5450, -59.9217, 86.3450



104.4030, -1.1847, 6.6626



53.7640, -21.5757, 107.2010



14.6940, -5.7651, 29.2094

Inverse Universe

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



72.2620, -26.7512, 133.9512



77.9550, -31.0368, 155.2685



103.4550, 59.9217, -86.3450



104.4030, -1.1847, 6.6626



53.7640, -21.5757, 107.2010



14.6940, -5.7651, 29.2094

Previews

White Background



This preview shows how the YUV color 72.2620, -26.7512, 133.9512 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 72.2620, -26.7512, 133.9512

Background



This preview shows how black text looks on a background with the YUV color 72.2620, -26.7512, 133.9512.



This preview shows how white text looks on a background with the YUV color 72.2620, -26.7512,

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

72.2620, -26.7512, 133.9512

Protanopia

109.2230, -35.1129, 15.5904

Deuteranopia

106.1530, -52.3334, 32.3148



Tritanopia

79.0040, -38.9490, 126.2845

Trichromacy



Original Color

72.2620, -26.7512, 133.9512

Protanomaly

95.7090, -31.9015, 59.0142

Deuteranomaly

94.2020, -42.9906, 69.1058

Tritanomaly

76.5790, -34.3024, 129.2882

Monochromacy



Original Color

72.2620, -26.7512, 133.9512

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

72.3760, -10.0454, 48.7822

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.2620, -26.7512, 133.9512 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(225, 5, 18)` looks like.

```
.text, #text, p{  
  color:rgb(225, 5, 18)  
}
```

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(225, 5, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 5, 18) }
```

Border

The CSS property to change the border of an element to YUV 72.2620, -26.7512, 133.9512 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(225, 5, 18) }
```


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

```
.border{ border-color:rgb(225, 5, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 5, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 5, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 5, 18);  
box-shadow:4px 4px 4px 4px rgb(225, 5, 18)  
}
```

Background

The CSS property to change the background color of an element to YUV 72.2620, -26.7512, 133.9512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 5, 18) }
```

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

```
.background{ background-color: rgb(225, 5,  
18) }
```

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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