

Converting Colors

YUV(76.3610, -26.8000,
149.6504)

Have a look what the booklet for
YUV(76.3610, -26.8000, 149.6504)
contains.

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Color

**YUV(76.3610, -26.8000,
149.6504)**

Conversions

Conversions Part 1

Format	Color
Hex	F70016
RGB	247, 0, 22
RGB Percent	97%, 0%, 9%
CMY	0.0314, 1.0000, 0.9137
CMYK	0.00, 1.00, 0.91, 0.03
HSL	355°, 100%, 48%
HSV	355°, 100%, 97%
XYZ	38.5026, 19.8321, 2.5577
YIQ	76.3610, 140.1500, 59.2060

Conversions

Conversions Part 2

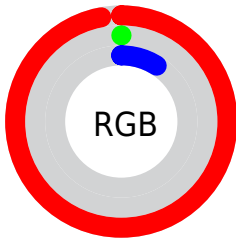
Format	Color
RYB	247, 0, 22
Decimal	16187414
CIELab	51.65, 78.38, 59.35
CIELCh	52, 98.316, 37.136
Yxy	19.8321, 0.6323, 0.3257
Android (android.graphics.Color)	4294377494 (0xFFFF70016)
YUV	76.3610, -26.8000, 149.6504
Hunter-Lab	44.5332, 76.3946, 27.7680

Details

The YUV color **76.3610, -26.8000, 149.6504** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark saturated red. A complement of this color would be **170.6390, 26.8000, -149.6504**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.1040, -34.0683, 100.7638**, and **53.8200, -26.5333, 110.6599** is the 20% darker color. If you saturate the color by 10%, you get **76.3610, -26.8000, 149.6504**, and if you desaturate by 10%, it is **93.6580, -23.9884, 134.4809**.

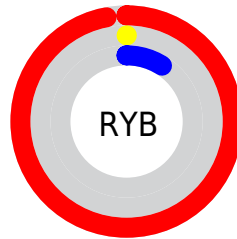
Distribution



Red (97%)

Green (0%)

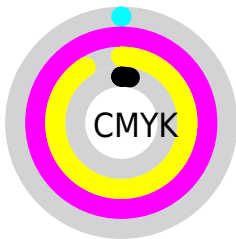
Blue (9%)



Red (97%)

Yellow (0%)

Blue (9%)

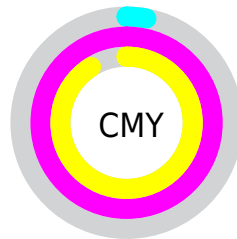


Cyan (0%)

Magenta (100%)

Yellow (91%)

Black (3%)



Cyan (3%)

Magenta (100%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.3610, -26.8000, 149.6504 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 76.3610, -26.8000, 149.6504 by changing the saturation by 10% instead.

■ 76.3610, -26.8000,
149.6504

■ 76.3610, -26.8000,
149.6504

255.0000, 0.0000,
0.0000

■ 63.6870, -31.3977,
130.9475

■ 140.1040,
-34.0683, 100.7638

■ 53.8200, -26.5333,
110.6599

■ 161.1510,
-32.1194, 82.3056

■ 43.9530, -21.6688,
90.3722

■ 182.3120,
-29.7338, 63.7474

■ 34.3140, -15.9308,
69.8846

■ 202.8860,
-27.0588, 45.7040

■ 25.5720, -10.6350,
51.2414

■ 223.5740,
-23.9470, 27.5606


■ 15.7760, -6.7916,
31.7684


■ 244.3760,


■ 0.0000, 0.0000,


-20.3984, 9.3172


0.0000

 252.3780,
-10.0464, 2.2995


 76.3610, -26.8000,
149.6504

 93.6580, -23.9884,
134.4809

 110.2540,
-21.3242, 119.9262

 127.5510,
-18.5126, 104.7568

 144.7340,
-16.1379, 89.6873

 162.0310,
-13.3263, 74.5178

■ 178.6270,
-10.6621, 59.9631

■ 195.9240, -7.8505,
44.7937

■ 213.1070, -5.4758,
29.7242

■ 229.8170, -2.3748,
15.0695

Harmonies

Analogous

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



88.4430, 9.1486, 146.0705



76.3610, -26.8000, 149.6504



113.8040, -56.1054, 75.5939

Triad

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



76.3610, -26.8000, 149.6504



94.9240, -22.1475, -83.2483



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.



76.3610, -26.8000, 149.6504



170.6390, 26.8000, -149.6504

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



76.3610, -26.8000, 149.6504



107.7600, 16.8803, -94.5055

Square

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



76.3610, -26.8000, 149.6504



84.5280, -41.6723, -74.1311



117.1080, 52.6978, -102.7037



121.7000, 65.7169, 15.1721

Rectangle

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



76.3610, -26.8000, 149.6504



116.2090, -57.2910, 35.7737



117.1080, 52.6978, -102.7037



110.0760, 71.4475, -96.5367

Sweetspot

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



76.3610, -26.8000, 149.6504



202.4080, -8.5821, 46.1232



94.5360, 75.1648, 111.7859



96.2100, -5.0335, 27.8798



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.



76.3610, -26.8000, 149.6504



78.8670, -27.5424, 154.4686



131.9660, -65.0592, 100.8848



113.7020, -1.3321, 7.2773



57.5520, -19.9921, 112.6489



18.2110, -6.5130, 35.7720

Inverse Universe

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



76.3610, -26.8000, 149.6504



78.8670, -27.5424, 154.4686



115.0340, 65.0592, -100.8848



113.7020, -1.3321, 7.2773



57.5520, -19.9921, 112.6489



18.2110, -6.5130, 35.7720

Previews

White Background



This preview shows how the YUV color 76.3610, -26.8000, 149.6504 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



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 76.3610, -26.8000, 149.6504 Background



This preview shows how black text looks on a background with the YUV color 76.3610, -26.8000, 149.6504.



This preview shows how white text looks on a background with the YUV color 76.3610, -26.8000,

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

76.3610, -26.8000, 149.6504

Protanopia

119.9520, -37.4443, 16.7051

Deuteranopia

116.2090, -57.2910, 35.7737



Tritanopia

86.7560, -42.7707, 138.7800

Trichromacy



Original Color

76.3610, -26.8000, 149.6504

Protanomaly

104.2860, -33.6650, 64.6472

Deuteranomaly

101.7470, -46.2173, 77.3979

Tritanomaly

83.2710, -37.1086, 142.7133

Monochromacy



Original Color

76.3610, -26.8000, 149.6504

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.8220, -9.7722, 54.5301

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.3610, -26.8000, 149.6504 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(247, 0, 22)` looks like.

```
.text, #text, p{  
    color:rgb(247, 0, 22)  
}
```

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(247, 0, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 0, 22) }
```

Border

The CSS property to change the border of an element to YUV 76.3610, -26.8000, 149.6504 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(247, 0, 22) }
```


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

```
.border{ border-color:rgb(247, 0, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 0, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 0, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 0, 22);  
box-shadow:4px 4px 4px 4px rgb(247, 0, 22)  
}
```

Background

The CSS property to change the background color of an element to YUV 76.3610, -26.8000, 149.6504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 0, 22) }
```

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

```
.background{ background-color: rgb(247, 0,  
22) }
```

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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