

Converting Colors

YUV(76.2900, -25.7790,
148.8357)

Have a look what the booklet for
YUV(76.2900, -25.7790, 148.8357)
contains.

YUV(76.2900, -25.7790, 148.8357)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YUV(76.2900, -25.7790,
148.8357)**

Conversions

Conversions Part 1

Format	Color
Hex	F60018
RGB	246, 0, 24
RGB Percent	96%, 0%, 9%
CMY	0.0353, 1.0000, 0.9059
CMYK	0.00, 1.00, 0.90, 0.04
HSL	354°, 100%, 48%
HSV	354°, 100%, 96%
XYZ	38.1709, 19.6588, 2.6468
YIQ	76.2900, 138.9120, 59.6160

Conversions

Conversions Part 2

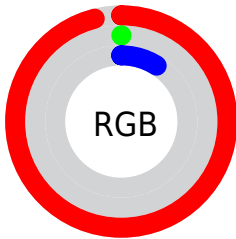
Format	Color
R_{YB}	246, 0, 24
Decimal	16121880
CIE Lab	51.45, 78.16, 58.36
CIE LCh	51, 97.545, 36.744
Yxy	19.6588, 0.6312, 0.3251
Android (android.graphics.Color)	4294311960 (0xFFFF60018)
YUV	76.2900, -25.7790, 148.8357
Hunter-Lab	44.3382, 76.0793, 27.4973

Details

The YUV color **76.2900, -25.7790, 148.8357** 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 **169.7100, 25.7790, -148.8357**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.3320, -33.1947, 100.5638**, and **53.5210, -26.3859, 110.0451** is the 20% darker color. If you saturate the color by 10%, you get **76.2900, -25.7790, 148.8357**, and if you desaturate by 10%, it is **93.4730, -23.4042, 133.7662**.

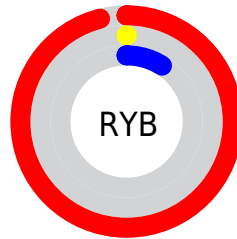
Distribution



Red (96%)

Green (0%)

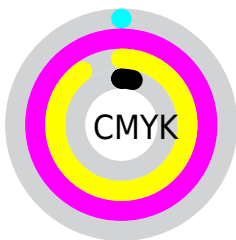
Blue (9%)



Red (96%)

Yellow (0%)

Blue (9%)

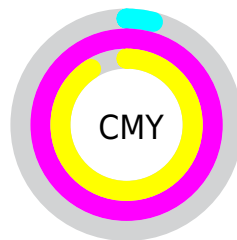


Cyan (0%)

Magenta (100%)

Yellow (90%)

Black (4%)



Cyan (4%)


Magenta (100%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the YUV color 76.2900, -25.7790, 148.8357 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 76.2900, -25.7790, 148.8357 by changing the saturation by 10% instead.


 76.2900, -25.7790,
148.8357


 76.2900, -25.7790,
148.8357


255.0000, 0.0000,
0.0000


 63.3880, -31.2503,
130.3327


 140.3320,
-33.1947, 100.5638

 53.5210, -26.3859,
110.0451


 161.3790,
-31.2458, 82.1056


 43.6540, -21.5214,
89.7574


 181.8390,
-29.0076, 64.1622

 34.0150, -15.7834,
69.2698

 202.5270,
-25.8958, 46.0188

 25.2730, -10.4876,
50.6266

 223.8020,
-23.0734, 27.3606


 15.4770, -6.6442,
31.1537


 244.6040,


 0.0000, 0.0000,


-19.5248, 9.1173


0.0000

 252.4920, -9.6096,
2.1995


 76.2900, -25.7790,
148.8357

 93.4730, -23.4042,
133.7662

 110.0690,
-20.7400, 119.2115

 127.3660,
-17.9284, 104.0420

 143.9620,
-15.2643, 89.4873

 161.1450,
-12.8895, 74.4178

■ 178.3280,
-10.5147, 59.3483

■ 194.9240, -7.8505,
44.7937

■ 212.2210, -5.0390,
29.6242

■ 228.8170, -2.3748,
15.0695

Harmonies

Analogous

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



88.5570, 9.5854, 145.9705



76.2900, -25.7790, 148.8357



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.



76.2900, -25.7790, 148.8357



94.2230, -22.2949, -82.6336



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.



76.2900, -25.7790, 148.8357



169.7100, 25.7790, -148.8357

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



76.2900, -25.7790, 148.8357



106.9450, 16.2961, -93.7908

Square

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



76.2900, -25.7790, 148.8357



87.2300, -43.0044, -66.8537



116.2930, 52.1136, -101.9890



121.3900, 65.8697, 12.8130

Rectangle

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



76.2900, -25.7790, 148.8357



115.6220, -57.0016, 36.2885



116.2930, 52.1136, -101.9890



110.0760, 71.4475, -96.5367

Sweetspot

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



76.2900, -25.7790, 148.8357



202.5220, -8.1453, 46.0232



94.1230, 74.8754, 111.2711



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.



76.2900, -25.7790, 148.8357



79.0950, -26.6688, 154.2687



131.0800, -64.6224, 100.7848



113.7020, -1.3321, 7.2773



57.6660, -19.5553, 112.5489



18.3250, -6.0762, 35.6720

Inverse Universe

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



76.2900, -25.7790, 148.8357



79.0950, -26.6688, 154.2687



114.9200, 64.6224, -100.7848



113.7020, -1.3321, 7.2773



57.6660, -19.5553, 112.5489



18.3250, -6.0762, 35.6720

Previews

White Background



This preview shows how the YUV color 76.2900, -25.7790, 148.8357 looks on a white background.

Color Contrast Check

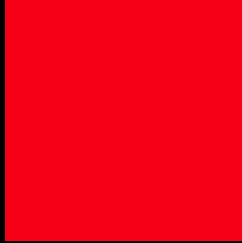
Large Text (above 18pt) WCAG AA ✓ Pass

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 76.2900, -25.7790, 148.8357 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 76.2900, -25.7790, 148.8357

Background



This preview shows how black text looks on a background with the YUV color 76.2900, -25.7790, 148.8357.



This preview shows how white text looks on a background with the YUV color 76.2900, -25.7790,

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

76.2900, -25.7790, 148.8357

Protanopia

119.5930, -36.2813, 17.0199

Deuteranopia

116.2090, -57.2910, 35.7737

Trichromacy



Original Color

76.2900, -25.7790, 148.8357

Protanomaly

103.9270, -32.5020, 64.9620

Deuteranomaly

101.5620, -45.6331, 76.6831

Monochromacy



Original Color

76.2900, -25.7790, 148.8357

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.9360, -9.3354, 54.4301

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.2900, -25.7790, 148.8357 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(246, 0, 24)` looks like.

```
.text, #text, p{  
    color:rgb(246, 0, 24)  
}
```

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(246, 0, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 0, 24) }
```

Border

The CSS property to change the border of an element to YUV 76.2900, -25.7790, 148.8357 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(246, 0, 24) }
```

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

```
.border{ border-color:rgb(246, 0, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 0, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 0, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 0, 24);  
box-shadow:4px 4px 4px 4px rgb(246, 0, 24)  
}
```


Background

The CSS property to change the background color of an element to YUV 76.2900, -25.7790, 148.8357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 0, 24) }
```

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

```
.background{ background-color: rgb(246, 0,  
24) }
```

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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